Critical Editions of
Near Eastern Music Manuscripts

# Codex TR-IÜne 214-12 Peşrevs and Saz Semâîsis 

Commentary

## Semih Pelen

Münster
2023

# Corpus Musicae Ottomanicae 

Critical Editions of Near Eastern Music Manuscripts

General Editor: Ralf Martin Jäger
Editors: Nejla Melike Atalay, Neslihan Demirkol, Salih Demirtaş, Marco Dimitriou, Ersin Mıhçı, Semih Pelen

Part 1: Manuscripts in Hampartsum Notation
Series I: Sources from İstanbul Üniversitesi Nadir Eserler Kütüphanesi
Volume 11: Codex TR-Iüne 214-12, b. Commentary

## Funded by

Deutsche Forschungsgemeinschaft

## Published by

Corpus Musicae Ottomanicae: Critical Editions of Near Eastern Music Manuscripts

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# CoDEX TR-IÜNE 214-12 <br> Peşrevs and Saz Semâîsis 

Commentary

Semih Pelen

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## General Editor's Foreword

## I. On the Context of Transmission of Ottoman Art Music

## 1. Overview: Music Notation Systems and Repertoire Collections in the Ottoman Empire

Among the traditional musical cultures of the Near East, only the Ottoman practical musical repertoire has been preserved since the seventeenth century in written sources that do not primarily serve the purpose of music theory. The sources include music manuscripts in several forms of notation dating back to about 1650, and printed music collections dating from the late nineteenth century onward.

A repertoire collection in the proper sense first emerged around the middle of the seventeenth century with the manuscripts of the Polish-born Alî Ufukî [Albert Bobovski] (c. 1610-75), which are primarily based on a variant of Western staff notation. ${ }^{1}$ At the turn of the eighteenth century, the Mevlevî-Şeyh Nâyî Osmân Dede (1652?-c. 1730) and the Moldavian Phanariot Dimitri Cantemir [Turkish Kantemiroğlu] (1673-1723) developed similar notational methods roughly simultaneously. ${ }^{2}$ Both recorded more extensive instrumental repertoires for the first time, with a letter and syllable notation indicating specific pitch levels, in which durations

[^0]were expressed by numerals. Cantemir's notation was still used in the first half of the eighteenth century by the Mevlevî Mustafa Kevserî Efendi ( + ca. 1770). ${ }^{3}$ Towards the mideighteenth century Tanbûr^̂̂ Küçük Artin (+ mid-eighteenth century) used another notation system, but according to current scholarship it was not used to record a musical repertoire. ${ }^{4}$ Finally, in the late-eighteenth century, Mevlevî Abdülbâkî Nâsır Dede (1765-1821), at the request of the musically educated Sultan Selîm III. (1761-1808, Sultanate 1789-1807), developed an ebced notation that served him in 1794/95 to compile a collection of Selîm's compositions for the latter's library. In addition, with the post-Byzantine neumatic notation also used in the eighteenth century by Greek musicians such as Petros Peloponissios ( +1777 ) to record the Ottoman secular repertoire - another, functionally fundamentally different notation was available in the Empire. Neumatic notation is a recording medium for primarily vocal music; it notates the intervallic progression of melodic lines. ${ }^{5}$

The first notation system to find lasting interethnic dissemination was the so-called Hampartsum notation developed by a group of Armenians around Hampartsum Limonciyan (1768-1839) before 1813. The notation, based on semantically reinterpreted signs of the Armenian Khaz notation, was excellently suited as a recording medium for the Ottoman art music repertoire due to its simplicity and clear structure. From the mid-1830s, Western staff notation was increasingly used alongside it. The manuscript holdings in both forms of notation are highly relevant for the understanding of the transmission of an art music culture that was cultivated into the early twentieth century in the metropolises of present-day Turkey, as well as in the urban centers of Syria and Egypt. The sources are of outstanding importance for music research, which can for the first time explore historical phenomena and musical cultural processes, as well as for Middle-Eastern studies as a whole.

## 2. On previous editions and publications

Several of the music manuscripts written before the nineteenth century are available today in scholarly-critical editions (see above). The intentional preservation of works of the Ottoman art music tradition - now considered "classical" - in printed editions with scholarly ambitions, began around 1926 at the Istanbul Darü'l-Elhân under the auspices of Rauf Yekta (1871-1935), Ali Rıfat Çağatay (1867-1935), and Ahmed Irsoy (1869-1943) with the innovative Dārü’l-elhān

[^1]külliy $\bar{a} t$. Their special quality lay not only in the use of the variant of Western staff notation developed by Rauf Yekta and analytically semanticized for the first time on the basis of mathematical calculations, but also in the fact that the first usûl cycle in each piece is included and presented together with the melodic line in the form of a score.

Unlike the earliest musical manuscripts of Ottoman art music, the extensive corpus of handwritten sources from the nineteenth century has not yet been made available in reliable critical editions. The reason for this is not that the manuscripts are unknown or inaccessible: All authoritative Turkish music researchers are aware of Hampartsum notation, and several printed music editions from as early as the Dārü̈l-elhān küllīyāt reproduce notational phenomena that clearly refer to sources in Hampartsum notation. This fact has long been known, and Kurt Reinhard even mentioned it as a shortcoming of the editions of the Darü'lElhân that, "all source references are missing, the poets are often not named, and critical or explanatory annotations are very rarely present". ${ }^{6}$ Rather, it seems to be primarily the interdisciplinary complexity of the challenges of a comprehensive edition project, that have prevented it thus far. Unlike in the context of the singular manuscripts of the seventeenth and eighteenth centuries, scholarly editing here can no longer be undertaken by a single researcher. Not only is the corpus too extensive for this, but the successive indexing of the accessible manuscript collections and the print editions potentially related to them, as well as the development of novel digital infrastructures, is too complex. In addition, indexing of the manuscripts according to accurate philological rules, and editing of the song lyrics for example, requires specialist knowledge of literature studies.

## II. "Corpus Musicae Ottomanicae" (CMO) - Project and Edition Concept

The work of an interdisciplinary team on the scholarly indexing and editing of nineteenth century Ottoman music manuscripts has been made possible since 2015 by the project "Corpus Musicae Ottomanicae", which has been approved by the German Research Foundation as a long-term project with a duration of 12 years (DFG project number: 265450875). It encompasses a total of four subprojects: 1.The music edition and its publication (WWU Münster, Professorship of Ethnomusicology and European Music History); 2.The text edition and philological supervision (WWU Münster, Institute of Arabic and Islamic Studies); 3.Digital Humanities including the development of an online source catalog with a publication platform

[^2]and an MEI extension for the notational parameters of music of the Near East (perspectivia.net, Max Weber Foundation); and 4.Content development of the CMO source catalog and the inclusion of the various project-related works from the international academic community. ${ }^{7}$

The interdisciplinary working CMO team is supported in its work by an Academic Advisory Board, which currently consists of the following scholars: Prof. Rûhî Ayangil (Istanbul), Prof. Dr. Thomas Bauer (Münster), Prof. Dr. Nilgün Doğrusöz-Dişiaçık (Istanbul), Prof. Dr. Walter Feldman (New York), Dr. Michael Kaiser (Bonn), Prof. Dr. Mehmet Kalpaklı (Ankara), Prof. Songül Karahasanoğlu (Istanbul, speaker of the advisory board), Prof. Dr. Andreas Münzmay (Paderborn), Prof. Dr. Christoph K. Neumann (Istanbul) and Prof. Dr. Sonia T. Seeman (Austin). Prof. Dr. Evi Nika-Sampson (Thessaloniki) and Prof. Dr. Fikret Turan (Istanbul) supported the advisory board as external guests. Former advisory board members are Prof. Ş. Şehvar Beşiroğlu (Istanbul) (†) Prof. Dr. Raoul Motika (Istanbul), Dr. Richard Wittmann (Istanbul) and Dr. habil. Martin Greve (Istanbul). We would like to take this opportunity to express our sincere thanks to all members and guests of the Academic Advisory Board for their considerable and fruitful support, without which the project could not have been carried out in its present form.

The comprehensive edition and source cataloguing project could not have been carried out without the support of numerous libraries and collections, which have granted CMO access to their holdings and made our work possible through advice and assistance, not least by providing digital copies and granting publication permits. We would like to thank them all very much.

## 1. Fundamentals of the Critical Edition

The CMO editions make available to both researchers and historical performance practitioners, the corpus of historical transcriptions of Ottoman art music that still exists today and is accessible to researchers, as it was recorded and collected in the course of the nineteenth century, primarily in the cosmopolitan metropolis of Istanbul. The editions stay as close as possible to the original sources in terms of musical and textual content, uncensored and without omissions in the richness of their performative variants. Also the texts underlying the vocal works are published for the first time according to their performance variants.

[^3]As emic transcriptions, the present manuscripts represent the performative repertoire of the nineteenth century in its synchronic richness as well as in its historical development. Even though current research is able to establish references between individual manuscripts that point to a collecting and copying practice that developed in the nineteenth century, the manuscripts do not represent the repertoire in a standardized way, but rather as a collection of variants. For this reason, the aim of the CMO editions is not to reconstruct historicalcritical editions of musical "works", but to consider each individual notation as an independent variant within an opus cluster in the form of a critical edition that takes into account all necessary, but not all possible concordances. The intention is to represent the diversity of the historical performative repertoire.

## 2. Edition Design

An edition of Ottoman music manuscripts from the nineteenth century must take into account a multitude of factors that vary depending on the handwritten originals or the notation method that was used.

It is the basic principle of CMO editions that they allow direct conclusions to be drawn about the handwritten music source, and in the best case even allow its reconstruction. In doing so, the edition should approach as closely as possible the notation practices commonly used today. At the same time, the particularities and characteristics used in the original score will be represented by the systematic use of appropriate diacritical signs, and the edition will be accompanied with an explanatory critical report.

A particular challenge in the edition is that no contemporary calculations of pitches or interval ratios based on physical system formations are available for the tonal systems used in the nineteenth century. The only exceptions are a few printed Greek music theories, but these remain largely unexplored in terms of their significance for an analytical understanding of the Ottoman tonal system. ${ }^{8}$ Present projections of pitch designations on to, for example, the neck of the long-necked lute tanbûr, illustrate concepts in the history of ideas, but not unequivocally determinable and calculable pitches.

When editing manuscripts in Hampartsum notation as well as in Western staff notation, the individually notation-specific meanings of the pitch signs have to be reconstructed in their musical context. For each individual piece of notation, the "pitch set" that is used is extracted, based on the evidence provided by the manuscript. In addition, the critical report explains why, how, and on what basis the additions or reconstructions were made.

[^4]In cases where changes, additions, or partial compositional variants have been entered into a historical notation by a second, likely historical hand, the editor will take into account all information from the original. The edited musical text reproduces the notation of the first hand; the later additions are documented in the critical apparatus, as well as the decisions of the editor relevant to the transcription. In this way, the user is able to see the different variants, to understand the editor's interpretations and, if necessary, criticize their decisions.
a. The general design of the sheet music edition

Each edited music notation includes the following information:

1. Key signature and accidentals are supplemented to correspond to today's standards and avoid the extensive use of accidentals in the score.
2. The original heading is added in scholarly transcription.
3. The catalogue information is added in standardized spelling, as it is also given in the source catalog:
a. Composer name
b. Source reference (RISM-Siglum) and the CMO reference number
c. Makâm, usûl and genre
4. Line breaks in the original manuscript are presented in the music edition by two slashes above the system, which contain the corresponding line number of the original.
5. Division numbers indicated above the division signs serve for easier navigation through the score. The editor's comments given in the critical commentary also use division numbers and can be used similarly to locate a division within an edited piece.


## b. Special features concerning the edition of manuscripts in Hampartsum notation

Hampartsum notation intentionally does not reproduce all elements of the recorded music with equal precision. Moreover, in comparison to Western staff notation, it gives a different weighting to the parameters. It includes meta-information that is primarily related to the underlying rhythmic cycle usûl and which would be lost without the use of an apparatus of diacritical signs and a specific notation that continuously reproduces a contemporary variant of the underlying usûl in addition to the melodic line on a second staff. CMO uses a set of diacritical signs that supports the marking of technical aspects of the notation system. ${ }^{9}$ The semantically relevant groupings of the Hampartsum signs are marked, as well as the division signs and the structural signs, which in many cases are related to the underlying usûl. The rhythmic usûl cycle, latently present in the notation and usually mentioned in the title of the piece, is also supplemented as a substantial element, sourced from contemporary sources where possible. As a result, the critical editions of the CMO represent various levels of information, which the original manuscript source provides. Whereas performers can use the scores without taking the diacritical apparatus into consideration, it contains various pieces of metadata that may be of special interest for scholars.

1. The counting unit is a digit indicating the sum of the beats (darb) of the usûl (5). The darb indicates the indivisible total number of beats in one usûl cycle, as given in contemporary usûl notations from the nineteenth century. The music edition follows the examples of contemporary usûl sources, that only indicated the darb but not the exact relation to a rhythmic value as is the case in Western music (i.e., 4/4)


[^5]2. The entire edited score is accompanied by the underlying usûl (4), which is, whenever possible, based on a contemporary source. Thus, the CMO basically follows the model of the Dārü̈l-elhān küllīyātt, but provides the usûl for the whole piece and not only for the first cycle(s). This makes it possible for the user to study the melody line in relation to the usûl.
3. The usûl is the primary time-organizing-element in Hampartsum notation. This fact is accounted for in the manuscript sources by marking the end of an usûl cycle with a division sign consisting of two dots in shorter usûls (2) and very frequently four dots in larger ones. In the music edition, the end of the usûl cycle is additionally marked by a bar line (2). Division signs may also imply more functions according to the musical contexts in which they appear. For example, regardless of a possible subdivision of the usûl, it can specify an internal structuring that usually includes four groups of notation signs. In this case, the division sign is represented in the music edition by a dotted line within as well as the two-dot sign above the system. The end of a usûl cycle is marked in this case by a four-dot structural sign (3).
4. The time unit stands in relation to the darb of the usûl cycle, and is based on the editor's suggestion (6).
5. Within the internal structuring indicated by a two-dot sign, single or multiple characters are grouped in clear demarcation from each other (1). These internal groups are indicated in the music edition by markers above the system (1). Precise marking of the internal groups is of great importance, especially in very early notations in Hampartsum notation, since there they contribute to the reconstruction of the rhythmic structure of the melodic line, which in many cases is not always clear.

## c. The critical report

The critical report details editorial decisions. In addition, it provides information that points out formal or content-related peculiarities.

The critical report includes the metadata that also appear in the source catalog: "Source," "Location," "Makâm," "Usûl," "Genre," "Attribution," and "Work No." The work number is an especially useful tool, since it indicates the opus cluster to which the edited piece belongs and links it in the CMO catalog to all known variants of the work. The "Remarks" section allows the editor to provide notes, for example, on the source of the usûl variant that was used. In the structure overview the number of hâne ( H ) as well as their internal structure is indicated. The number of usûl cycles running in the respective hâne (H) and in the following teslîm (T) is given, and the repetitions of the sections and subsections are indicated. The "Pitch Set" indicates the Hampartsum signs that were used in the piece, and the editor's interpretation of
them. "Notes on Transcription" document readings and editorial decisions. Finally, the relevant concordances that were used for the editing process, are provided.

## 3. CMO Edition Plan

The "Corpus Musicae Ottomanicae" is designed to be executed over a period of 12 years. The first seven years are dedicated to the critical edition of manuscripts in Hampartsum notation, the last five years to the edition of Ottoman music manuscripts in Western staff notation. The overall edition plan includes the manuscripts indexed to date, arranged according to the libraries that own them. ${ }^{10}$ Using the funding from the Deutsche Forschungsgemeinschaft (DFG), which is expected to last until 2027, CMO will publish selected, relevant vocal and instrumental music manuscripts in both notations, and will benefit from a steadily growing number of primary sources. At the same time, digital infrastructures will be further developed, which also applies to the source catalog. CMO works in cooperation with RISM - Répertoire International des Sources Musicales - and the edition design is under continuous development. In cooperation and in constant exchange with international scholars and performing artists, CMO is developing the methodological foundations and the technical infrastructure for the edition of the nineteenth-century "Corpus Musicae Ottomanicae". The complete publication of the extensive material, which in principle also includes the diverse Greek sources, will be left to the musicological community. Music researchers and institutes are cordially invited to support CMO in its extensive work by taking on individual edition projects.

Münster, October 2022
Ralf Martin Jäger

[^6]
## Preface

This volume aims to provide a critical edition of TR-Iüne 214-12, which is apparently one of the first examples of Hampartsum notebooks in Ottoman script. I am particularly excited about this work as it is my first publication as a researcher at the Corpus Musicae Ottomanicae (CMO) project. In this regard, I would like to state how thankful I am to my dear academic mentor Prof. Dr. Nilgün Doğrusöz Dişiaçık. I owe her my initial knowledge in the field of Hampartsum notation and still learn so much from her continuing guidance. Likewise, I wish to express my deepest gratitude to Prof. Ralf Martin Jäger, the architect of this great project, who has taken on the historical mission of revealing the hidden treasures of Turkish music. I thank him for allowing me to be a part of it. Since my first day at the CMO, he has encouraged and empowered me to do my best; I hope that this publication fulfills the responsibility it entails as a part of this mission.

Of course, it would not have been possible to finish this edition without the help of my colleagues, who must be mentioned by name. In this context, I offer my heartfelt thanks to Marco Dimitriou with whom I share an office. He has patiently helped me in all technical and practical matters from the very first day and I have enjoyed his company in tracing footprints in the dark corners of history. I also express my warm thanks to Cüneyt Ersin Mıhçı for sharing the proofreading with Marco, and to Salih Demirtaş with whom I have exchanged ideas during the writing of the edition. I am grateful to all of my colleagues at the CMO: Zeynep Helvaci, Dr. Nejla Melike Atalay, Dr. Neslihan Demirkol, Dr. Nihan Tahtaişleyen and Dr. William Sumits, who have shaped this as a collobrative work with their valuable contributions. I would especially like to thank Dr. Demirkol for her help on the translation and transliteration of Ottoman script. Speaking of this collaboration, thanks are also due to all the former colleagues who participated in the project and who laid the foundations that we continue to build upon. I humbly hope that the present edition will also help to pave the way for future studies.

## List of Abbreviations

| Arm. | Armenian |
| :--- | :--- |
| Arm.-Tr. | Armeno-Turkish |
| ca. | circa |
| cf. | confer (compare with) |
| cm | centimeters |
| CMO | Corpus Musicae Ottomanicae |
| CR | Critical Report |
| d. | died |
| div., divs. | division, divisions |
| DOA | Devlet Osmanlı Arşivleri |
| ed. | edited, edition |
| ff. | and the following pages |
| fig. | figure |
| fl. | flourished |
| fol., fols. | folio, folios |
| H | hâne |
| HNER | Hampartsum Notation in Explicit Rhythm |
| HNIR | Hampartsum Notation in Implicit Rhythm |
| l., ll. | line, lines |
| lay. | layer |
| M | mülâzime |
| ms., mss. | manuscript, manuscripts |
| no., nos. | number, numbers |
| omit. | omitted |
| orig. | original(ly) |
| p., pp. | page, pages |
| r | recto (after folio no.); right (after page no.) |
| T | teslîm |
| Tr. | Turkish |
| trans. | translated, translation |
| translit. | transliterated, transliteration |
| TRT | Türkiye Radyo ve Televizyon Kurumu |
| v | verso |
|  |  |
| m |  |

## InTRODUCTION

## 1. Codicology

### 1.1 Physical Description

The manuscript, TR-Iüne 214-12, is currently being preserved in the Nadir Eserler Kütüphanesi at Istanbul University. The notebook is in landscape format (opens from the shorter side) and thus the pages allow for more characters to be written out horizontally. It has a hard cover made of brown/purple paper and there are pastedowns of black paper on both front and back covers. The measurements of the binding are $24 \times 15 \mathrm{~cm}$. There is a white sticker stuck to the cover spine bearing the numbering ' $\mathrm{Y} / 2$ ', which also could be read as ' Y 12 ' due to overall worn condition of the binding. Since the other Hampartsum mss. in the same library also have similar stickers featuring Y , slash (/), and a number respectively, it is more likely to be read as ' $\mathrm{Y} / 2$ '. The manuscript has a sewn spine and so the pages are folded, and they are stitched with red yarn, while a few of the pages (pp. [vi], 57, 134) appear to be pastedowns on the original leaves. The manuscript also has green front and back flyleaves, which seem to have been glued to the inner sides of the front and back covers.

### 1.2 Layout, Ink and Script

There are a total of 75 leaves in the manuscript. It seems that the scribe originally left the first two leaves and recto of the third leaf empty, and that the manuscript was initially written with an index on pp. [vi-v]. Probably after the notebook was filled (pp. 1-[143]), the scribe chose to use the pages that had earlier been intentionally left blank and notated a saz semâî (no. 53) on the verso of the first leaf (p. [i]) and a peşrev (no. 54) starting on p. [iv] accordingly. The peşrev lasts until p. [ii] since it was notated upside-down due to the manuscript being held in the opposite rotation. In contrast to these later additions, originally the manuscript seems to have been written meticulously. In the first piece, the page layout for the notation starts in a standardized form, wherein the scribe set equal page margins both on the left side for the pages on the left and on the right side for the pages on the right. This left room for the scribe to write the titles and hâne numbers. The musical pieces are notated consecutively and the notation fits into nine lines on almost every page. However, it can be said that the number of deviations in the page layout increases through the manuscript and that the handwriting becomes more disorganized. Accordingly, the manuscript can be separated into two main sections according to visible scribal deviations in handwriting, stroke width and formatting. In the first section (pp. 1-51), the use of black ink for the Hampartsum pitch and duration signs is standard, whereas all the other elements, such as performance instructions, tie signs, division signs, titles and hâne numbers, are in red ink. This practice
seems to have been applied by the scribe to the first 15 pieces almost without exception. Additional interventions are minimal, and it seems that the scribe usually preferred to correct mistakes by erasing rather than crossing out. The stroke width and handwriting style in the notation also suggest that this part was notated by one particular scribe. However, p. 52 marks the beginning of another section. The stroke width becomes thinner and there is a visible increase in the number of crossings-out due to later corrections. The heading of the first piece (no. 16) of this new section is centred on the first line, instead of in the page margins as as had been done previously. Additionally, the shape of the Arabic numeral ' 3 ', which was used to refer to the hânes and used in the pagination is a different shape from the one used in the first part. These changes may indicate a new scribe, as supported by the other findings explained in detail in 1.3 . However, there are still a few minor deviations in the later part of this second section. Starting from p. 89 the red ink no longer features in the original layer. There are also many blank pages due to pieces being incomplete. This indicates that the scribe(s) probably planned to add the missing hânes later. Other than that, it is possible to say that the handwriting and page layout become much more disorganized and it is hard to identify any consistency in the shape of the Arabic numeral ' 3 '. Later, regarding the partial use of HNER together with HNIR, the section starting on p. 117 reflects another convention of Hampartsum notation. Also, the index supplied on pp. [vi-v] does not include the pieces found in this latter part.

### 1.3 Relations

There are important findings supporting that 'TR-Iboa 355, img. 214-344', which is among the Muallim İsmâ̂̂l Hakkı Bey collection at Devlet Osmanlı Arşivi (Ottoman State Archives), is the main source for at least 29 of the 54 pieces found in TR-Iüne 214-12. ${ }^{1}$ In other words, a remarkable number of pieces in TR-Iüne 214-12 seem to have been copied from this manuscript found in the archive. Furthermore, it turns out that TR-Iboa 355 has also a similar relationship to TR-Iüne 211-9. The most important finding supporting these relations is that 13 pieces in TR-Iboa 355 contain markings corresponding to the page breaks in TR-Iüne 21412, and similar markings in another five pieces correspond to the page breaks in TR-Iüne 2119 (see Figure $1 \&$ Table 1). This indicates that the scribe(s) probably used those markings to remember where they left off or that they made calculations to design a better page layout while copying.

[^7]Also, the texts (as seen in Figure 1: 59 Rehāvī, 57 Ṣabā, 54 (Irāk) which seem to have been added later at 'TR-Iboa 355, img. 319' match the page numbers and corresponding makâms in TR-Iüne 214-12.


Figure 1. Marking in TR-Iboa 355, img. 318-9 which corresponds to the page break at TR-Iüne 21412, pp. 60-61.

Another indicator of this relationship is the 'Kִayd şüd' [registration completed] text next to the headings in TR-Iboa 355, probably indicating that the copying of a piece to another manuscript had been completed. Accordingly, 64 of the 84 pieces feature this statement. ${ }^{2}$ These pieces usually appear to be identical versions of the ones found in two other manuscripts, in which case TR-Iboa 355 is most likely to be the main source. On the other hand, in order to better understand the


Figure 2. Direction of the copying relationship between three mss. direction of dependence, the pieces were compared one by one. On the basis of transmission of the later additions and deletions, it seems most likely that there was a one-way relationship between TR-Iüne 214-12 and TR-Iboa 355. However, the case with TR-Iüne 211-9 seems slightly different. There

[^8]are indicators suggesting that the scribe(s) of TR-Iüne 211-9 benefited from two other manuscripts. On the other hand, the available evidence suggests that TR-Iüne 211-9 has bidirectional dependence on TR-Iboa 355, as explained in detail below. Therefore, when considering TR-Iüne 214-12 from a historical perspective, it was necessary to evaluate it together with two other manuscripts. However, such relations, based on the hints that manuscripts contain, are insufficient to ascertain how many scribes were involved (they might even have all been written by a single person, as the Hampartsum scripts are very similar). So, in order to provide a better understanding, the differences in the handwriting were also examined subjectively by looking at all kinds of texts that vary both within the manuscripts and between the three manuscripts, as well as the Hampartsum script. It was observed that the deviations in the layout and stroke width of pen mentioned in 1.2 in most cases coincide with the differentiation in writing of letters and words such as '-kâ-', '-gâ-', 'fâhte' and 'tâhir'.

TR-Iüne 214-12, pp. 01-51:
Accordingly, based on the similarities in the handwriting, the first part (pp. 1-51) containing 15 pieces might have been notated by the same person who wrote out a huge part of TR-Iboa 355 (orig. pp. 1-127). The transmission of the additions / corrections in the notation supports the idea that at least 9 (nos. $1,2,3,5,6,7,8,10,14$ ) out of the 15 pieces might have been copied from TR-Iboa $355 .{ }^{3}$ As an interesting aside, this first part of TR-Iüne 214-12 comprises only peşrevs. The scribe might have wanted to create a repertoire of peşrevs for TR-Iüne 21412. However, it would have been possible only after notating a huge part (until p. 127) of TRIboa 355, considering the order of the pieces in both mss. (see the original paginations of TRIboa 355 that are provided in the Appendix).
The handwriting in TR-Iboa 355 seems to change at p. 127. The makâm name 'tâhir' appears to be stylistically different after this point. ${ }^{4}$ Accordingly, on the basis of the similarities in the handwriting, there is a possibility that this part, starting at p. 127, might have been written by the (first) scribe of TR-Iüne 211-9. If so, this scribe must also have completed TR-Iboa 355 prior to starting to write TR-Iüne 211-9. Furthermore, there are indicators suggesting that this scribe afterwards copied many pieces to TR-Iüne 211-9 while benefiting from two other manuscripts. Apparently, he mostly copied the corrected versions found in TR-Iüne 214-12, and this may indicate that he considered them more up-to-date. According to the possible scenario that can be imagined as a result of examining all the evidence regarding the interrelations and handwritings, both TR-Iboa 355 and TR-Iüne 214-12 might have passed into the possession of the first scribe of TR-Iüne 211-9 after the first 15 pieces in TR-Iüne 214-

[^9]12 were notated.

TR-Iüne 214-12, pp. 52-116:
With this part, there is a noticeable, significant change regarding the stroke width. There is also a sudden change in the shape of the Arabic numeral ' 3 ' used in hâne and page numbers. What is interesting is that the handwriting in this section is very similar to that in the section starting at p. 109 in 'TR-Iüne 211-9'. As a matter of fact, the shape of the Arabic numeral ' 3 ' and the stroke width in TR-Iüne 211-9 also change abruptly, as in TR-Iüne 214-12. Thus, it is probable that both these manuscripts passed into the hands of another, common scribe. The pieces with the page break markings in TR-Iboa 355 match the pieces only in these sections of two other manuscripts, i.e. 'TR-Iüne 211-9, pp. 109-[262]' and 'TR-Iüne 214-12, pp. 52116' (see Table 1). This implies that this second scribe made markings on the sheets of TRIboa 355 related to the page layouts of TR-Iüne 214-12 and TR-Iüne 211-9 while copying.

Table 1. Locations of the pieces believed to be copied from TR-Iboa 355 on the basis of the markings corresponding to the page breaks in TR-Iüne 214-12 and TR-Iüne 211-9.

| From | To | To |
| :--- | :--- | :--- |
| TR-Iboa 355, img. 290-91 | - | TR-Iüne 211-9, pp. 109-11 |
| TR-Iboa 355, img. 299-300 | - | TR-Iüne 211-9, pp. 113-4 |
| TR-Iboa 355, img. 332-3 | TR-Iüne 214-12, pp. 54-6 | -- |
| TR-Iboa 355, img. 318-9 | TR-Iüne 214-12, pp. 59-61 | -- |
| TR-Iboa 355, img. 245-4 | TR-Iüne 214-12, pp. 113-5 | -- |
| TR-Iboa 355, img. 278-9 | TR-Iüne 214-12, pp. 78-80 | -- |
| TR-Iboa 355, img. 301, 246 | TR-Iüne 214-12, pp. 107-9 | -- |
| TR-Iboa 355, img. 249, 236-7 | -- | TR-Iüne 211-9, pp. 175-8 |
| TR-Iboa 355, img. 238-40 | TR-Iüne 214-12, pp. 95-9 | -- |
| TR-Iboa 355, img. 243, 285 | TR-Iüne 214-12, pp. 99-102 | -- |
| TR-Iboa 355, img. 285-6 | TR-Iüne 214-12, pp. 109-11 | -- |
| TR-Iboa 355, img. 255-7 | TR-Iüne 214-12, pp. 83-7 | -- |
| TR-Iboa 355, img. 263-4 | TR-Iüne 214-12, pp. 69-71 | -- |
| TR-Iboa 353, img. 730; | TR-Iüne 214-12, pp. 71-4 | -- |
| TR-Iboa 355, img. 234-5 |  |  |
| TR-Iboa 355, img. 306-7 | TR-Iüne 214-12, pp. 74-6 | -- |
| TR-Iboa 355, img. 221-2 | -- | TR-Iüne 211-9, pp. 126-8 |
| TR-Iboa 355, img. 226-8 | -- | TR-Iüne 211-9, pp. 119-20 |
| TR-Iboa 355, img. 228-9 | TR-Iüne 214-12, pp. 88-91 | -- |

Another point which may support the argument that the same scribe wrote out those particular sections of two manuscripts is the fact that the use of red ink was abandoned at a certain point in all of the mentioned manuscripts. Accordingly, it can be seen that this scribe stopped using red ink while he was notating piece no. 32 (pp. 88-91) in TR-Iüne 214-12. When looking at the corresponding piece in 'TR-Iboa 355, img. 228-9', it is apparent that the use of red ink was also abandoned at the same point and it is evident in the change in the ink colour of the markings related to page breaks. Moreover, the colour of the 'Kayd şüd' texts in further pieces copied appears to be black instead of red. Similarly, the red ink was also not used for a while starting from p. 129 in TR-Iüne 211-9.

All of the 'Ḳayd şüd' texts might have been added by this scribe even if the pieces in the first sections ('TR-Iüne 214-12, pp. 1-51' \& 'TR-Iüne 211-9, pp. 1-108') were likely notated/copied by different scribe(s). This second scribe might also have wanted to mark the afore-copied pieces so as not to notate them twice into both TR-Iüne 214-12 and TR-Iüne 211-9. However, considering that the pieces starting at ‘TR-Iüne 211-9, p. 130' are notated in HNER, one could assume that the second scribe completed the writing of 'TR-Iüne 214-12, pp. 51-116' prior to writing this part (TR-Iüne 211-9, p. 130-[262]). Considering a chronological hierarchy regarding the development of the notation requires such an assumption since the original layer of TR-Iüne 214-12 starts to feature elements from HNER only from piece no. 41 on p . 117. However, there is a conflict in this scenario, because the source for piece no. 32 (pp. 8891) in TR-Iüne 214-12 appears to be 'TR-Iüne 211-9, pp. 145-[7]', based on the transmission of later additions from TR-Iüne 211-9 to TR-Iboa 355. Moreover, the pages which probably included the first two hânes of the next piece in TR-Iüne 211-9 (pp. [147-8]) seem to have been torn out of the manuscript. Looking at TR-Iüne 214-12 and TR-Iboa 355, it seems that only the first two hânes of this particular piece are notated. This probably indicates that those pages were torn out to be used as a source for TR-Iboa 355 when the scribe was unable to access the entire manuscript (TR-Iüne 211-9). But the interesting thing is that the piece, in both TR-Iboa 355 and TR-Iüne 214-12, is notated in HNIR despite the fact that it is notated in HNER in TR-Iüne 211-9. It is not clear why the same scribe might have done such a thing. There might, of course, be another scribe who used HNER starting at 'TR-Iüne 211-9, p. 130'. In this case, the change in the ink colour indicates that the same pen(s) might have been used by different scribes, probably in the same place.
In the remaining part of TR-Iüne 214-12 (especially starting on p. 117), there seems to be a transition to HNER where the duration signs such as '‘' and 's' are introduced in the original layer, as mentioned before. Also, the index on pp. [vi-v] does not include the pieces found in this section. Another point is that the pieces are no longer copied from TR-Iboa 355 and it does not seem possible to claim anything about the scribe based on the handwriting alone. Despite the fact that it is not possible to know exactly what happened, the reading above provides a possible scenario based on the tiny details that could be found. Nevertheless, the only thing that can be safely claimed is that TR-Iüne 214-12 is a product of multiple scribes
on the basis of complex relationships between the manuscripts. Also, the web of relations cannot be restricted to these three manuscripts. As stated in the CR, the findings suggest that the manuscripts such as TR-Iütae 107 and TR-Iam 1537 might also have benefited from TRIüne 214-12 in a few particular pieces. These relationships are mostly observed in the frame of the transmission of identical and specific scribal mistakes. To conclude, all these examples highlight the fact that some of the Hampartsum manuscripts reflect a compiled repertoire as a result of collective work.

### 1.4 Scribe(s) and Dates

Based on the findings explained above, we can claim that there was more than one scribe (at least two) who notated the musical pieces in TR-Iüne 214-12. On the basis of the finding that the first two scribes (involved in pp. 1-51 and presumably pp. 52-116) continued copying from TR-Iboa 355, it is likely that these two different scribes knew each other, or that they inhabited the same environment. However, in the manuscript there is no information - such as text or seal - to help identify the scribes. The relationship between TR-Iüne 214-12 and TRIüne 211-9 could provide some indication since TR-Iüne 211-9 has a seal containing the name 'Mehmed Râşid' and the date ' 1285 [1868] (or 1280 [1863])' on p. 83 (see Figure 3). ${ }^{5}$ This seal may indicate either that this manuscript (probably the latter part) was written by Mehmed Râşid, or that it was in his possession for a period of time. As Jäger mentions, the pieces


Figure 3. Seal at TR-Iüne 2119, p. 83. attributed to Râşid Efendi in the latter part of TR-Iüne 211-9 could indicate that at least the part containing those pieces might have been notated by the composer himself. ${ }^{6}$ The same seal is also encountered in another compiled manuscript (TRIboa 356) in DOA, ${ }^{7}$ where a statement refers to the seal. There, Mehmed Râşid confirms that he willingly received the loose sheets of Hampartsum notation in lieu of his salary on December 1286 [1869], and refers to the seal as a standing proof of this exchange:

[^10]'166
muhassas olan ber-vech-i bâlâ yalnız yüz altmış altı maaş-ı acizânemi
işbu seksen altı senesi şehr-i kanun-ı evveline mahsuben [ber-vech-i bâlâ muhassas olan maaş1 acizânemi] bu kalemden satıldığña ahz elunduğğunt eylediğimi müş'ir işbu memhûr senedim takdîm kılındı. ${ }^{8}$

We can deduce that Mehmed Râşid was a collector and probably used the same seal (dated to 1868) to indicate his possession of manuscripts that he acquired. Considering that he received the Hampartsum sheets instead of his salary from an official department, it is possible that he was working in an entity such as Sâzendegân-ı Hâssa or Mûzıka-yı Hümâyûn, which were the main music institutions affiliated with the court at that time (1868). But there is an ambiguity about the exact identity of Mehmed Râşid, since the only name associated with any of these music institutions in the archive documents examined, was that of a mülâzım (lieutenant) in 1904. ${ }^{9}$ However, there are more documents referring to Râşid without the first name ‘Mehmed’ between 1861-1900. In this regard, Râşid Ağa, who became kolağası (senior captain) in 1861 and retired in 1874 with the rank of Mîralay (colonel) in Mûzıka-y1 Hümâyûn, seems to be a more plausible candidate regarding the dates. ${ }^{10}$ Additionally, it seems that the same Râşid Ağa was hired again in the following year (1875), which may support Veli Kanık's statement that Râşid Efendi was still employed at Mûzıka-yı Hümâyûn in 1896. ${ }^{11}$ However, Veli Kanik might also have been referring to another person - Râşid Bey, who died in ca. 1900 with the rank of Binbaşı (major) in Mûzıka-yı Hümâyûn. ${ }^{12}$

Besides all these suggestions, there is an orally transmitted tradition suggesting that some of the Hampartsum manuscripts found in the conservatory library of Istanbul University today belonged to Neyzen Râşid Efendi (known as Nâyi Baba Râşid). Suphi Ezgi (1869-1962) refers to the same person and states that he was older than 70 years when Ezgi himself was 17 (in ca. 1886). ${ }^{13}$ Maraqa claims that Neyzen Râşid Efendi was still alive in 1901 and that he must have died before 1905. ${ }^{14}$ Nonetheless, there is no evidence proving that Mehmed Râşid and Neyzen Râşid Efendi are the same person.
TR-Iüne 214-12 could have been used as teaching material among the musicians of

[^11]sâzendegân-1 hâssa, ${ }^{15}$ which is the name of the institution that was performing classics from the makâm music repertoire in the Ottoman court. Many of the composers found in the manuscript either were members of this institution or at least were taught in Enderûn to be official musicians of the court. Based on the fact that Mûzıka-yı Hümâyûn was teaching western staff notation, denying its connection to other institutions such as Sâzendegân-1 Hâssa and Müezzinân-i Hâssa would not be realistic. Two pieces in makâm Hicâz aşirrân [Râhatfezâ] found in Ottoman archives show that İsmet Ağa ${ }^{16}$ and Neyzen Sâlih Dede, as members of Sâzendegân-ı Hâssa, also knew western staff notation. According to Toker and Aydemir, there are statements such as 'İsmet kulları' [your servant İsmet] and 'Neyzen Sâlih kulları' [your servant Neyzen Sâlih] in the headings of the music sheets, and hence this proves that these pieces were transcribed by these composers to be presented to Sultan Abdülhamid II (18421918). The use of western staff notation by musicians who were associated with the makâm music tradition supports the claim of possible exchange between musicians in the court. They might have learned the conventions of western music from other colleagues in the Mûzıka-yı Hümâyûn. However, this does not mean that these musicians did not know Hampartsum notation. Considering the reign date (1876-1909) of Abdülhamid II, they might have used Hampartsum notation before the use of staff notation became widespread. We also know that Giuseppe Donizetti (1788-1856), the head of Mûzıka-yı Hümâyûn between 1828-1856, learned Hampartsum notation, and this suggests that it was used widely in the court at that time.

On the other hand, the writing of TR-Iüne 214-12 seems to have been spread over time, based on the findings explained under 1.3. When considered together with the living dates of the composers attributed in the ms., the part comprising pp. 1-116 is more likely to have been written in 1840s. In this regard, the remaining part might have been completed in the following decades, considering that Mehmed Râşid presumably bought TR-Iüne 211-9 and the loose sheets in TR-Iboa 356 around 1868.

### 1.5 Index and Pagination

When looking at the index given on pp. [vi-v], it is apparent that the deviations in the handwriting and stroke width (possibly depending on the use of different pens) may support the idea that there are different scribes, as suggested in 1.3. Accordingly, the index

[^12]information for the first 15 pieces seems to have been written by the same hand that notated the musical pieces making up the same section. Likewise, the index information starting from piece no. 16 might have been written by the second scribe involved in the notation. Afterwards, just like in the notation, the red ink is also no longer used in the index information for the section starting with p. 88 (piece no. 32), and the handwriting becomes more disorganized. However, up to this point (pp. 52-87), there are some irregularities in the order of the pieces provided in the index. For example, after piece no. 20, nos. $24,28,29,30,32$, $22,27,25,26$ and 31 are given along with p. [vi]. Two pieces (nos. 21 and 23) are not even included in the index. Interestingly, these two pieces are in makâm Yegâh and the composer of both is Neyzen Sâlih Dede (d. ca. 1885). It is unclear whether this was a deliberate choice by the scribe or not.
The index information starting with p. 88 is likely to also have been written by another hand. We see this because the makâm and usûl information for piece no. 32 appears to have been erroneously re-written by this third hand that took over the index entry. The difference in the handwriting (cf. the makâm name Tâhir) also supports this idea. Although there are minor deviations in the order of the pieces in this part, the most important point is that the page numbers provided are different from the pagination inside the notebook (see Table 2). However, it is noticeable that the pagination between pp. 90-116 in the notation has been rubbed out. As far as can be deduced from the blurry ink stains, the old pagination corresponds to the page numbers given in the index. This confusion was probably due to the erroneous writing of 98 for p .90 .

Table 2. Paginations given in the index and notation.

| Piece no. | Pagination in the Index | Pagination in the Notation |
| :--- | :--- | :--- |
| 34 | p. 103 | p. 95 |
| 35 | p. 107 | p. 99 |
| 36 | p. 111 | p. 103 |
| 37 | p. 115 | p. 107 |
| 38 | p. 117 | p. 109 |
| 39 | p. 119 | p. 111 |
| 40 | p. 121 | p. 113 |

The section starting with piece no. 41 (p. 117) is not included in the index. Accordingly, the correction of the earlier page numbers could have been done by the same hand that took over the notation and pagination in this section. However, the pagination given in the ms. only continues until p. 137, while the additional page numbers continue to page 143.

## 2. Contents

TR-Iüne 214-12 contains 54 instrumental pieces. There are 37 peşrevs, 16 saz semâîs and one piece titled 'Çoban' in which there is no makâm nor usûl given; hence the genre cannot be identified clearly. ${ }^{17}$ In general, the order of the pieces does not seem to follow the standard fasıl format, where one peşrev and one semâî are written out consecutively in the same makâm. But the latter part of the ms. seems to exhibit this format, with some interruptions by other makâms, and therefore it could be claimed that 10 pieces / 5 makâms (nos. 32-3, 389, 43-4, 45-6, 47-8) are written out according to this convention. Some of the pieces especially after p. 89 - seem to have been left incomplete; hence only a few hânes (between one and three) are given, whereas there are concordances including all hânes (usually four hânes).

Table 3. Available hânes of incomplete pieces in TR-Iüne 214-12.

| Hânes | Piece no. |
| :--- | :--- |
| H1 | 48 |
| H1, H2 | $33,40^{18}, 49,51$ |
| H1, H2, H3 | $35,36,42,53$ |
| H1, H2, H4 | 43 |

### 2.1 Makâms

There are 37 different makâms in the ms., as shown in alphabetical order in Table 4, and the saz semâîs are marked with an asterisk. Accordingly, the most frequently used makâm appears to be Yegâh, with 2 peşrevs and 1 saz semâî. 14 makâms supply 2 pieces each, and 10 out of the 14 include 1 peşrev and 1 saz semâî. On the other hand, the makâm Nevâ provides two different versions of the same piece. The remaining 22 makâms only include one musical piece each.
The pieces in makâm Segâh mâye are indicated in makâm Mâye in some other manuscript sources, such as TR-Iütae 107 and TR-Iütae 249. The piece in makâm Gülizâr is indicated in makâm Baytâr sabâ, especially in earlier sources. This confirms the statement by Olley, based on the handwritten addition by Subhi Ezgi in TR-Iüne 203-1:

[^13]'The two pieces assigned to this makâm [Baytâr sabâ] in NE203 (nos. 62 and 63) are annotated by Ezgi to indicate that the makâm is rather Gülizâr, which is the designation given in some other sources. ${ }^{19}$

Additionally, we see that Nihâvend and Nihâvend-i kebîr are treated as different makâms in TR-Iüne 214-12. On the other hand, the same piece which is indicated in makâm Nihâvend-i kebîr in TR-Iüne 211-9 seems to have been copied as Nihâvend to TR-Iüne 207-5; thus it may indicate that they were treated as the same makâm in the later sources.

Table 4. Distribution of makâms.

| Makâm | Piece no. | Makâm | Piece no. |
| :--- | :--- | :--- | :--- |
| Bestenigâr | 16,35 | Neveser | 7 |
| Bûselik | 10 | Nihâvend | 54 |
| Bûselik aşîrân | 13,36 | Nihâvend-i kebîr | 5 |
| Büzürg | 2 | Nühüft | $43,44^{*}$ |
| Dügâh | 14 | Râst | 1,28 |
| Evc | $37^{*}, 40$ | Rehâvî | $3,19^{*}$ |
| Evcârâ | $41^{*}$ | Revnaknümâ | $38,39^{*}$ |
| Ferahfezâ | 12 | Sabâ | $18,22^{*}$ |
| Gülizâr | $26^{*}, 34$ | Sâzkâr | 4 |
| Hicâz | $31^{*}$ | Segâh mâye | $20,27^{*}$ |
| Hicâzkâr | $45,46^{*}$ | Şedd-i arabân | 30 |
| Hicâz zengûle | 49 | Şehnâz bûselik | $53^{*}$ |
| Hûzî | 9 | Tâhir | $47,48^{*}$ |
| Hüseynî | 24 | Tarz-ı cedîd | $32,33^{*}$ |
| Hüzzâm | 15 | Uşŝâk | 11 |
| Irâk | 17 | Yegâh | 29 |
| Isfahân | $25^{*}$ | $51^{*}$ | $8,21^{*}, 23$ |
| Karcığar | 42,50 | 6 |  |
| Nevâ |  |  |  |
|  |  |  |  |

### 2.2 Usûls

There are 14 different types of usûl structures described in TR-Iüne 214-12. For one piece (no. 54), the usûl structure could not be assigned since it possibly belongs to the Folk Music repertoire. Accordingly, there are 37 peşrevs varying in 11 different usûls as shown in alphabetical order in Table 5. Although one piece (no. 29) is indicated in usûl düyek in the

[^14]heading, the placement of the division signs (end cycle signs) every two divisions suggests çifte düyek. Similarly, one piece (no. 36) is indicated in usûl lenk fâhte but features the designation of fâhte based on the distribution of the division signs.

Table 5. Distribution of usûls in peşrevs.

| Usûl | Piece no. |
| :--- | :--- |
| Berefşân | $8,42,50$ |
| Çifte düyek | 29 |
| Darbeyn | 4 |
| Darb-ı fetih | 49 |
| Devr-i kebîr | $5,7,9,16,17,18,24,28,30,35,43,45,54$ |
| Düyek | 12,47 |
| Fâhte | $14,15,20,36$ |
| Hafîf | $6,11,34,38$ |
| Muhammes | 2,10 |
| Sakîl | $1,3,13,23,40$ |
| Zencîr | 32 |

The 16 pieces that belong to the saz semâî genre vary between 3 different usûl structures. These are aksak, sengîn and yürük semâî and they usually appear as a combination of two of these (see Table 6). However, these structures are usually not stated in the headings for the pieces starting in aksak semâi, which is also the most frequently used. In other words, the saz semâîs starting in the aksak semâi form are usually indicated as only semâî rather than aksak semâî in the headings. In this regard, the saz semâî genre usually follows the order in which the piece starts in aksak semâî (10/4) and then may switch to yürük (6/8) or sengîn semâî (6/4) in the later hânes (usually in H4, sometimes in H3). However, 7 pieces are entirely in aksak semâî, and 4 out of 7 (nos. 33, 48, 51, 53) appear to be incomplete compared to the concordances, and hence the missing hânes may supply different usûl structures. One piece is indicated as sengîn semâî in the heading but it modulates to yürük semâî in H 4 .

Table 6. Distribution of usûls in saz semâîs.

| Usûl | Piece no. |
| :--- | :--- |
| Aksak semâî | $21,26,27,33,48,51,53$ |
| Aksak + Sengîn semâî | $19,22,37,41,44$ |
| Sengîn + Yürük semâî | 31 |
| Aksak + Yürük semâî | $25,39,46$ |

### 2.3 Composers

38 out of 54 pieces are attributed to a composer, either in their headings or in the index. The pieces that have attribution only in the index are marked with an asterisk in Table 7. ${ }^{20}$ The most popular composer seems to be Tanbûrî İsak, to whom 8 pieces are attributed. Büyük Osmân Bey takes second place with 5 pieces.

Table 7. Distribution of composers.

| Composer | Dates | Piece no. |
| :--- | :--- | :--- |
| Kânûnî Edhem Efendi | d. 1918 ? | 46 |
| Kemânî Corci | d. ca. 1785 | $9^{*}, 14,37$ |
| Benli Hasan Ağa | $1607-1662$ | 1 |
| Tanbûrî İsak | d.after 1807 | $8,20,26,32,33^{*}, 34,42,50$ |
| İsmâîl Dede Efendi | $1778-1846$ | $7^{*}, 24,35$ |
| Tanbûrî Musi | fl. ca. 1750 | $4^{*}$ |
| Mustafâ İzzet Efendi | $1801-1876$ | $11^{*}$ |
| Tanbûrî Nu'mân Ağa | d. after 1830 | 16 |
| Büyük Osmân Bey | $1816-1885$ | $18,38,43,45,54$ |
| Nâyî Osmân Dede | $1652-1729$ | $2^{*}, 28$ |
| Neyzen Sâlih Dede | d. ca. 1885 | $21,23,39$ |
| Neyzen Sâlim Bey | d. 1885 | 41,44 |
| Selîm III | $1761-1808$ | 47 |
| Tatar | unknown | 15,30 |
| Zâkir | unknown | 40 |
| Zekî Mehmed Ağa | $1776-1846$ | $6^{*}, 12,17$ |

### 2.4 Notation

41 out of the 54 pieces (nos. 1-40,50) were notated in HNIR, while the remaining 13 pieces (nos. 41-49, 51-54) feature elements from both HNIR and HNER.

[^15]
### 2.4.1 Pitch Signs

There are seven primary Hampartsum pitch signs used to symbolize the perdes in an octave. The remaining perdes are usually indicated with the addition of an alteration sign, called a kisver, above these pitch signs. Accordingly, the function of the kisver is to sharpen the pitch sign which it is placed above. However, the usage of a kisver or any other form of alteration sign may vary between the Hampartsum mss., most likely depending on the scribal school or the time period when they were written. The earliest examples of Hampartsum sources, which are in Arm.-Tr. Script, also feature şûri ${ }^{21}$ perdes (tertiary degrees) where the kisvers are placed below the pitch signs to show the differentiation in the value of sharpening (for intervals less than one bakîye). The mss. such as TR-Iüne 211-9 and TR-Iüne 214-12, on the other hand, which represent the earliest examples in Arabic-Turkish (Ottoman) script, reflect a differentiated convention where the tertiary degrees are not indicated anymore. Instead, the kisvers underneath the pitch signs are simply used to lower the pitch one octave accordingly. A huge part of TR-Iüne 214-12 reflects this understanding, where the interpretation of the values of sharpening is left to performers. Only a few pieces recorded in the latter part of the ms . include perhaps the first examples of the representation of a tertiary degree, but in a different way from what is found in the earliest sources (see Fig. 4).


Figure 4. Use of a tertiary degree at TR-Iüne 214-12, p. 126.

However, this type of visualization with a curved tile ( $\boldsymbol{F}^{\circ}$ ) appears to be applied only to a particular register range between $\approx$ and $\boldsymbol{\imath}$ in the ms. Therefore, $\boldsymbol{\xi}^{\boldsymbol{\prime}}$ most probably corresponds to the pitch 'dik hisâr' in this context.

### 2.4.2 Duration signs

A huge part of TR-Iüne 214-12 features the limited use of durational signs, as Subhî Ezgi (1869-1962) uses the term 'işaretsiz' [without signs] to describe the first form of the notation

[^16]when it was invented by Limonciyan. ${ }^{22}$ Accordingly, besides the limited usage, the symbols that have been used also indicate relative values rather than fixed. However, it is commonly thought that the proportional duration signs were available in the first form of the notation in the early nineteenth century, based on the treatise written by Minas Pijışkyan (Minas Bž̌̌kean) in 1812. ${ }^{23}$ Kerovpyan and Yılmaz claim that Hampartsum notation originally included those duration signs as well. ${ }^{24}$ If so, there is still great ambiguity about why the use of well-known sets of proportional duration signs is not seen in the earliest mss., such as TRIüne 203-1, which is even believed to be a Hampartsum autograph, while almost all of the later sources written after a certain date supply consistently proportional duration values. To be able to shed more light on this issue, it is preferable to consider all possibilities. According to Olley, the treatise by Pijışkyan was intended for publication in 1815 but remained in manuscript until an edition was published by Aram Kerovpyan, and the original mss., comprising a draft and a fair copy, are housed in the archive of the monastery of San Lazzaro, Venice. ${ }^{25}$ As seen in the table originally given by Pijışkyan, there are a few symbols related to durational purposes, which are indicated with red arrows in Figure $5 .{ }^{26}$ The remainder are mostly related to performance instruction or embellishment.


Figure 5. Hampartsum symbols and names given in the treatise of Pıjışkyan, 1815.

[^17]Accordingly, we see that the definition of the axis sign ( $x$ ) in Arm.-Tr. script has been changed from 'artmak' (increasing or increased) to 'bir buçuk zarb' (one-and-a-half beat stroke). This probably indicates that the correction was made at a later stage. But the most important point is that the durational value it refers to was changed from relative to fixed. The case of the hook sign ( $\_$) also suggests that it was added later, due to its smaller font size squeezed between two rows (. and ). The thinner stroke width, which is noticeably visible and specific to these corrective additions, is another indicator supporting this argument. When considering the limited use of duration signs with relative reference values in early sources ${ }^{27}$ - and that the circle sign (॰) that is used to indicate the sixteenth note value in many other late sources does not even find a place, neither in early Hampartsum mss. nor in the table given by Pijışkyan - an alternative hypothesis that the durational signs such as hook ( $\lrcorner$ ) and circle ( $\circ$ ) indicating fixed values were developed later seems to be much more plausible. Accordingly, Öztuna wrote that the Hampartsum notation became more sophisticated with the addition of 'Dzunk' [circle $\rightarrow$ 。], 'Dzınger' [double circle $\rightarrow_{\text {® }}$ ], 'Gısatav' [Hook $\rightarrow$ ノ] and 'Karatav' [tick $\rightarrow$ נ] by Aristakes Şalcıyan [or Aris Hovannesyan] (1812-1878). ${ }^{28}$ In this regard it seems possible to claim that the axis sign gained a fixed value with the development of new signs.

## 3. Editorial Approach

### 3.1 Layers

The editor has tried to ensure that the transcriptions represent the original layer of the manuscript as far as possible, since the majority of the pieces contain many additions and corrections made anonymously over the original layer. In most cases, those additions feature the explicit practices in Hampartsum notation regarding the durational signs where fixed values are supplied. However, as stated under 1.4, it seems that the original layer of the ms. was probably notated by more than one scribe, so that a later hand addition in a piece may belong to another scribe involved especially in the latter part of the ms., where elements from HNER were also used in the original layer. In this case, the term 'scribe' here and in the CR refers to the person who notated the particular piece. In most cases, the original layer was taken for the transcription if any addition made by a later hand indicated different values to the original layer. This is providing that no scribal mistake was identified that could validate the later correction. Such cases were described under 'Notes on Transcription' in the CR. On

[^18]the other hand, to be able to discern a scribal error it was necessary to consult concordances and / or to conduct an internal analysis, as mentioned below in detail. In cases where the original layer did not supply any durational value while a later hand addition did, and where this differed to what concordances suggested, then it was up to the editor to base the transcription on either concordances or the later hand version. Accordingly, such cases were also commented on in the CR.
In short, the editorial approach for the later additions was to consider them as if they were made by other hands), if there was insufficient evidence supporting the premise that they were done by the scribe. If there was sufficient evidence to prove that any correction was made by the scribe, the corrected version was transcribed and this was also stated in the commentary. For instance, erasing and rewriting of a pitch sign was accepted as if it was done by the scribe, since this could supposedly have been done before the ink dried.

### 3.2 Pitch and Duration Signs

As stated before under 2.4.1, while the tertiary degrees are not indicated in the majority of the pieces, the latter part of the ms., which was possibly notated later in time, displays a few examples of $\boldsymbol{z}$. Given that in a large part of the manuscript the tertiary degrees are not represented by any extra marking, it is possible to conclude that the scribe could have meant more than one pitch by only one pitch sign, depending on the context in a piece. A concrete example of such a case is given below (see Figure 6).


Figure 6. TR-Iüne 214-12, p. 11.

Almost all of the çargâh (م) pitch signs in H 4 of piece no. 3 in TR-Iüne 214-12 are indicated as bûselik ( $\boldsymbol{\sim}$ ) in the consulted concordances, ie. TR-Iüne 211-9, TR-Iüne 207-5: $\boldsymbol{n}^{29}$ Accordingly, it is possible that the scribe might have implied dib bûselik with the çargâh pitch sign, since there was no extra marking or sign used to represent this tertiary degree. On the other hand, ^ can also be interpreted as a bûselik as it is supplied in the concordances. Since it does not seem editorially possible to represent the original intention of the scribe accurately on the tertiary degrees, the editor opted to transcribe only the semantic values of the pitch signs without any further interpretation in the edition.

It was already mentioned that the majority of the pieces feature implicit Hampartsum conventions regarding durational indicators in the original layer of the ms. and that the use

[^19]of those signs is limited. This indicates that only a performer who is familiar with any particular musical piece in the ms. can read the notation fluently, since there are even groups which are completely unmarked (in terms of duration signs). While the durational values are usually assumed to be equally distributed within the unmarked groups including two or four pitch signs (in peşrevs), the case with the other groups requiring uneven distribution is different. The main strategy employed in such cases was usually to consult concordances. However, in cases where the consulted concordances supplied differing values, it was up to the editor to either adopt one of them or to interpret them according to the values they supplied. Therefore, every case that required consultation of the concordances regarding uneven distribution of durational values was given in the CR. Additionally, there are two more methods that were used to be able to transcribe the durational signs accurately, in order to understand the original intention of the scribe as far as possible:

1) Internal analysis:

Internal analysis involves looking up and comparing the repeated passages, such as teslîm, in a piece. It allows the editor to check if an unmarked group has any durational value when it is repeated for the second time. This method also lets the editor see possible scribal mistakes and transcribe them in the correct way. However, the ms. may contain scribal deviations which look like mistakes and thus require editorial caution. Just because the cases seem like scribal errors, they may not be errors at all: rather, they may represent the conscious choice of the scribe depending on the context or any variation in a melody.
2) Using a datapool:

Especially when there are more than four pitch signs in a group, deciphering the durational values gets more complicated due to the increased number of possibilities. For example, when transcribing a group such as wnern, where the only data given by the scribe is that the fifth pitch sign has a relatively greater durational value, it is evident that the group can be transcribed with many combinations of durational values. If there is no concordance in such a situation, or available concordances do not supply useful data for the durational values, then consulting similar melodic patterns in other pieces may play a key role. This is because the editor discovered during editing that the melodic patterns used frequently in the ms. and also in the related mss. suggested that the pitch durations and the melodic line are interrelated within a group. In the case described above, we see that the different transpositions of the same melodic pattern such as etc. appear many times in the ms. and that the concordances mostly supply four eighth and two quarter note values respectively. Therefore, it is plausible to transcribe it as ${ }^{\circ} \sim \sim$ (if the total durational value equals one half note as in peşrevs). It is even applicable if the same melodic pattern also appears without any durational marking as wrom. With the help of the data collected from other pieces, sometimes it may be possible to interpret even an unmarked group in a way that correctly reflects the scribe's understanding.

### 3.2.1 Axis (^)

The axis sign is placed only above the pitch signs for durational purposes. The pitch sign with an axis sign above, in this case, should be durationally longer compared to other pitch signs in the same group. However, ، indicates a fixed value of dotted quarter note in HNER. Since TR-Iüne 214-12 hugely features the conventions of HNIR, the meaning of ${ }^{2}$ mostly varies depending on the context. The value it refers to may also change depending on other variables, such as the number of the pitch signs or existence of any rest sign in the same group.
In one-pitch sign groups it is not very common to find the axis above a pitch sign, especially in peşrevs where a group rhythmically equals a half note (two beats). This is because the scribe(s) usually preferred to employ the dot sign to indicate this durational value ( $\dot{\sim} \rightarrow$ ). However, $\hat{\wedge}$ or $\hat{\wedge}$ (with a rest sign) appears frequently in the semâî genre. Therefore, the axis sign was mostly used to refer to a half note value ( $\hat{\kappa}_{\boldsymbol{\kappa}}^{\rightarrow}$ ) in the usûl aksak semâî. As an interesting aside, this type of usage is mostly seen in the first group of the aksak semâî usûl cycle and in some cases, it is noticeable that there were attempts to convert this sign into a dot sign (see Figure 7).
Although the possibilities given in Table 8 represent the majority of the cases in the manuscript, there are still some exceptional uses of the


Figure 7. Transformation of the axis into the dot sign at TR-Iüne 214-12, p. 59. axis such as where it was transcribed as a dotted half note value (e.g. div. 23.4 in CMO1$\mathrm{I} / 11.39$ ). Only the cases featuring this kind of exceptional use of the axis sign were commented on in the CR.

Table 8. Possible interpretations of a in groups including one pitch sign.

| Total Rhythmic Value of Group | Group | Transcription | Example |
| :---: | :---: | :---: | :---: |
| 2 beats | $\stackrel{\beta}{1}$ | d | See div. 1.1 in CMO1-I/11.19 |
|  | $\stackrel{\imath}{\prime}$ | d. 9 | See div. 21.1 in CMO1-I/11.22 |
| 3 beats | $\stackrel{\beta}{1}$ | d $\}$ | See div. 17.4 in CMO1-I/11.39 |
| $11 / 2$ beats | $\hat{i}$ | d. | See div. 28 in CMO1-I/11.46 |

In groups including two pitch signs, the axis usually refers to a dotted quarter note in cases where a group rhythmically equals two beats (see Table 9). The axis occurs above the second pitch sign in only one case, namely div. 20.1 in CMO1-I/11.44, hence the rhythmic structure of . . . was mostly derived from groups such as $\stackrel{\sim}{\wedge}$ and $\uparrow$. In cases where the axis is used in
groups featuring three beats, as seen in the usûl aksak semâi, the durational value it refers to is usually a half note value. In the usûl yürük semâî, the axis may even signify a durational value smaller than a quarter note depending on other variables in the same group.

Table 9. Possible interpretations of $،$ in groups including two pitch signs.

| Total Rhythmic Value of Group | Group | Transcription | Example |
| :---: | :---: | :---: | :---: |
| 2 beats | A | -. .) | See div. 4.1 in CMO1-I/11.1 |
|  | $\hat{\beta}$ | - 9. | See div. 77.1 in CMO1-I/11.1 |
|  | $\dot{\beta}$ | - d) | See div. 11.2 in CMO1-I/11.31 |
| 3 beats | A | d. | See div. 3.4 in CMO1-I/11.22 |
|  | شُ | -. . .) | See div. 10.4 in CMO1-I/11.53 |
| 11/2 beats | A | - . $)$ | See div. 28.1 in CMO1-I/11.39 |

In groups including three pitch signs, the interpretation of the axis sign may change in the range between an eighth and dotted half note value. It rarely occurs above the third pitch sign (e.g. div. 66.3 in CMO1-I/11.30). Accordingly, most of the rhythmic structures featuring . . . in the transcriptions were derived from the unmarked groups that were deciphered based on the concordances, while some of them were derived from the groups such as rrs. and $\cdots^{\circ}$. The possible readings varying according to the total rhythmic value or existence of any rest sign in a group are given in Table 10 below, with the examples from the manuscript.

Table 10. Possible interpretations of $،$ in groups including three pitch signs.

| Total Rhythmic <br> Value of Group | Group | Transcription | Example |
| :---: | :---: | :---: | :---: |
| 2 beats | ¢ | .. | See div. 24.3 in CMO1-I/11.1 |
|  | مren | .. . | See div. 79.1 in CMO1-I/11.4 |
|  | ¢ | . . . | See div. 50.1 in CMO1-I/11.7 |
|  | $\dot{R}$ | . . ${ }^{\text {d }}$ | See div. 41.1 in CMO1-I/11.8 |
|  | ¢ | - . $\overline{.}$, | See div. 51.1 in CMO1-I/11.6 |
|  | ¢ | d. ${ }^{\circ}$ | See div. 51.4 in CMO1-I/11.18 |
|  | بחקא | ..0. . 9 | See div. 69.4 in CMO1-I/11.8 |
| 3 beats | $\hat{R}$ | - d ${ }^{\text {d }}$ | See div. 30.2 in CMO1-I/11.25 |
|  | crin | d) d. ${ }^{\text {d }}$ | See div. 4.2 in CMO1-I/11.19 |
| $11 / 2$ beats | אחק | d. ${ }^{\circ}$ | See div. 66.2 in CMO1-I/11.25 |

The manuscript contains numerous groups which include three pitch signs with an axis. The axis sign was therefore more frequently transcribed as a quarter note indicator in the peşrevs. In this regard, each case where it was transcribed as a dotted eighth note value was commented on in the CR.

In groups including four pitch signs, the possible readings are given below in Table 11. The axis sign seems to occur rarely in these groups. Accordingly, the scribe(s) usually employed the thin stroke sign () above a pitch sign or left the groups unmarked rather than using the axis sign. There are no cases where the axis occurs above the last pitch sign in these groups. Although the given possibilities in Table 11 represent the majority of cases in the manuscript, further combinations and interpretations are also possible.

Table 11. Possible interpretations of a in groups including four pitch signs.

| Total Rhythmic Value of Group | Group | Transcription | Example |
| :---: | :---: | :---: | :---: |
| 2 beats | Rerer | . . . . | See div. 87.3 in CMO1-I/11.5 |
|  | אחקאח | d) .0. 0 | See div. 22.3 in CMO1-I/11.21 |
|  | $\underset{\sim}{r}$ | d) 9.0 | See div. 17.3 in CMO1-I/11.10 |
| 3 beats |  | d. . . . | See div. 19.2 in CMO1-I/11.25 |
|  | $\hat{\sim}$ | .-. d. | See div. 10.2 in CMO1-I/11.19 |
|  | $\underset{\sim}{6}$ | -. \%. . | See div. 21.2 in CMO1-I/11.22 |

In groups including five or more pitch signs, the axis is rarely seen. Instead the scribe used the thin stroke sign or simply did not use any durational marking as is the case in the fournotes groups. Only in one case does the axis sign occur above the last pitch sign (e.g. div. 5.4 in CMO1-I/11.20).

### 3.2.2 Dotted axis (乡)

The dotted axis sign occurs in the four-beat groups in which the total durational value is equal to a whole note. Similar to the other duration signs used in HNIR, it indicates the prolongation of the pitch sign that it occurs above. Hence, the value it indicates may change depending on other variables, such as the number of pitch signs or the existence of any rest sign in the same group. For example, the dotted axis was more frequently transcribed as a half note value if there were three pitch signs in a group $(\hat{\sim} \rightarrow . \quad \rightarrow$. $)$. However different interpretations are also possible depending on the context (see Figure 8).


Figure 8. Dissolving of a combined group at TR-Iüne 214-12, p. 19.

In the excerpt given above, we see that the group with the dotted axis sign is part of the repeated passage in which it first appears in such a way that it is divided into two separate
 axis as a dotted half note ( another reading of it as a half note $(\hat{\omega}$ sometimes used the dotted axis instead of the double dot sign, especially in one pitch sign groups combined with a rest $\operatorname{sign}\left(\stackrel{\hat{\sim}}{\rightarrow} \rightarrow\right.$, s, e.g. div. 45.3 in CMO1-I/11.4). ${ }^{30}$

### 3.2.3 Single Strokes () , (.)

There are two versions of the single stroke sign that appear in the manuscript. The first one is the thin stroke sign () and in most cases it appears in the original layer of the manuscript. The thin stroke was usually written by the scribe(s) in such a way that it slants to the right. It can occur both above the pitch signs and at base level. When it occurs at base level, it mostly indicates an eighth note rest value, as explained in detail in 3.3. The thin stroke above a pitch sign, as is the case in most of the duration signs in HNIR, indicates the prolongation of a pitch sign in relation to others in the same group. In this regard, it is not clear why the same scribe used two different symbols for the same function in a piece (see Figure 9).

[^20]

Figure 9. Repeated passage at TR-Iüne 214-12, pp. 29-30.

In the excerpt given above, the repeated passage underlined in red appears again in another hâne. Thus, it is evident that the thin stroke was used for the indication of the same durational value as the axis sign.
We also see that the thin stroke more frequently occurs where the scribes) preferred not to use the axis sign: for instance, above the last pitch sign of a group. Furthermore, for the groups including five or more pitch signs, the duration sign that was used to refer to a prolonged pitch is usually the thin stroke sign. Since many of the pieces have probably been copied from TR-Iboa 355, we see that both the stroke and axis signs are also available in TR-Iboa 355 and that the durational signs, in most cases, were copied to TR-Iüne 214-12 as they were. This adds credibility to another possibility: that TR-Iboa 355 was also copied from another source which did not contain the thin stroke sign and that the thin strokes were added by the scribe (s) himself in TR-Iboa 355 (as markings to remind himself of the durational hierarchy where the axis did not exist).
The second type of single stroke appearing in the manuscript is the normal stroke sign (,) which is an element of HNER. It mostly occurs in the further layers of the manuscript as an addition by a later hand. It indicates a


Figure 10. Two types of single strokes at TR-Iüne 214-12, p. 54. fixed value of a quarter note and usually slants to the left. The stroke width mostly appears to be comparatively thicker (see Figure 10).

### 3.2.4 Double Strokes ( $($ ) , (n)

There are two versions of the double stroke sign depending on the meaning it refers to. Since it is not possible to make a distinction between two types of double stroke regarding their visuals in the manuscript, the editor opted to show them as different symbols ( ${ }^{( }$and ${ }_{n}$ ) in the CR to emphasize the differentiated meanings. The first one ( $(5)$ indicates the repetition of the pitch sign that it occurs above, and it appears in the original layer of the manuscript as an element of HNIR. Accordingly, it was usually transcribed as two eighth notes (م, $\rightarrow$. . .). However, there are some cases that require different interpretation depending on the context. For example the group given as smen in piece no. 10 was transcribed as ? . $\underbrace{\text {... }}_{3} .^{31}$

The second version of the double stroke sign ${ }_{(n)}$ is rarely encountered in the original layer. It usually occurs as an addition by a later hand and refers to a fixed value of eighth note as an element of HNER. In the pieces written in HNIR, a later hand has occasionally transformed the single strokes into double


Figure 11. Transformation of the single stroke into the double stroke sign by a later hand at TRIüne 214-12, p. 58. strokes with extra stroke additions (see Figure 11). According to the excerpt given, we can
 of ${ }^{n}$ which supposedly appear in the original layer starting from piece no. 47 (see TR-Iüne 21412, pp. 132-7), where the transition from HNIR to HNER is visible. However, the cases in which it occurs at base level in the original layer are more frequent, starting from piece no. 41. Accordingly, it may indicate an eighth note rest when it occurs at base level, as explained in 3.3. Additionally, it is also possible to see that a later hand transformed the base level single strokes into double strokes in the manuscript.

### 3.2.5 Single Dot (.)

The single dot sign (.) is frequently encountered in the manuscript since it is used in both HNIR and HNER. It indicates a fixed value of a half note in HNER. However, the value it indicates may change depending on the context in HNIR. Accordingly, the dot sign can refer to a dotted half note value if a group in which it is used has a total rhythmic value of three beats, as is possible in the aksak semâî form, i.e. $; \rightarrow \delta$. In two-beat groups, the durational value it indicates may also change depending on the presence of any rest sign in the same group, as is the case with the other duration signs in HNIR.

[^21]
### 3.2.6 Double Dot (..)

The double dot sign (.) usually indicates a whole note value ( ${ }_{\circ}^{\prime} \rightarrow$ o). However, in HNIR, interpretation of the value it refers to may change depending on other variables in the same group; i.e. " $" \rightarrow 0$, s. Other than its common usage, there is an exceptional case where the double dot is substituted for the dotted axis sign (i.e. div. 30.3 in CMO1-I/11.42).

### 3.2.7 Hook (ヶ)

The hook sign, which is used to indicate a fixed value of dotted eighth note in HNER, was used by the scribe for the first time in piece no. 43. It is not encountered at base level in the manuscript. Before piece no. 43, the hook sign does not occur in the original layer although it may appear in further layers as a result of later additions.

### 3.2.8 Circle (o)

Although the circle sign sometimes appears as a semicircle (.) due to the handwriting of the scribe, they both indicate a sixteenth note value as a convention of HNER in the manuscript. We see that the circle sign was employed in piece no. 43 for the first time in the original layer. However, in many pieces it is evident that this sign appears as a later hand addition. On the other hand, the transition to the use of the circle sign in the manuscript is not abrupt, in which case there is another sign ( $\sim$ ) used previously in pieces no. 41 and 42 for the same function as the circle sign. As an interesting aside, this tie-like sign ( - ) was always used in such a way that it can include two consecutive pitch signs (see Figure 12).


Figure 12. Use of the tie-like sign at TR-Iüne 214-12, pp. 117-9.

Also, by considering its use in piece no 47, we deduce that in some cases the circle sign was also treated as though it functions for only two consecutive pitch signs in a group, (see Figure 13) unlike its different use in HNER. In this respect, it can presumably be said that there were other attempts at alternatives to the conventions of HNER.


Figure 13. Use of the circle sign at TR-Iüne 214-12, pp. 131-3.

### 3.3 Rest Signs

There are two main types of rest signs in the manuscript in terms of the value they refer to. One of them is ' $s$ ' which can be called an $s$-shaped sign and usually indicates a quarter note rest. A remarkable feature in the use of this sign by the scribe is that it was never placed between pitch signs in a group. For rest values greater than a quarter note, the scribe placed duration signs above, even if such cases are rarely encountered, e.g. ; is for the half note rest (see div. 95.4 in CMO1-I/11.3). In a few cases, the scribe notated the $s$-shaped sign (s) instead of the base level stroke () to indicate an eighth note rest, i.e. (see div. 55.2 in CMO1-I/11.8). However, such cases require editorial caution since the scribe might have originally implied a quarter note rest by $\varsigma$, e.g. interpret it as an eighth note rest. As a concrete example, the structure s $\sim \boldsymbol{\sim}$ was usually
 taken to indicate the right durational values, since the group is a sort of stereotyped melodic


The second type of rest sign is the single stroke at base level () which was usually transcribed as an eighth note rest. It was occasionally transcribed as a quarter note rest in four-beat groups, e.g. $\stackrel{\hbar}{\hbar} \rightarrow$. s. The base level stroke as a rest sign is only seen in HNIR and, as an interesting aside, it never occurs at the beginning of a group. As can be concluded from the Hampartsum method written by Asdik Ağa (d. ca. 1913) in 1890, this sign also requires the
 In some cases, the base level stroke is thought to indicate a rhythmic change in the same group. For example, $\sim \mathcal{\sim} \sim \omega \sim \mathcal{F}$ (e.g. div. 38.2 in CMO1-I/11.23) was transcribed as $\overline{\ldots .0} . .$. based on the fact that it is a frequently used melodic pattern which usually appears as $\sim \mathcal{\sim}$,
 stroke as an eighth note rest, in this example, would be cumbersome since this would require distributing unequal and smaller durational values to the other pitch signs in the group. This usage might have come from the conventions of usûl aksak semâî, according to Asdik Ağa. ${ }^{33}$ In short, the single stroke at base level was usually transcribed as an eighth note rest, although there might be different readings which were always stated in the CR.
In HNER, an eighth note rest value is indicated with a double stroke at base level (n) as also briefly mentioned in 3.2.4. It is possible to see this sign in the original layer of the manuscript starting from piece no. 41.

[^22]Contrary to the use of single stroke at base level, the double stroke can be seen at the beginning of a group (e.g. div. 7.3, 22.1, 27.3 in CMO1-I/11.45).

### 3.4 Superscript Pitch Signs

Most of the pitch signs written in superscript are supposed to indicate comparatively smaller durational values. However, this usually does not require them to be interpreted as grace notes. The number of pitch signs in superscript is an important factor supporting this opinion. There are a few examples featuring five or six superscript pitch signs in a group, e.g. הman an div. 40.3 in CMO1-I/11.2. Judging by the group given in the example, it is evident that the scribe did not use to mean a grace note, since this is a frequently used melodic pattern that is mostly found at base level in TR-Iüne 214-12 and transcribed as ..न... . Additionally, the examples of superscript pitch signs in the ms. are usually found at base level in later concordances in HNER, although some of those concordances feature pitch signs in superscript that need be transcribed as grace notes. In his Hampartsum method, Asdik Ağa also suggests
 Accordingly, these types of groups in TR-Iüne 214-12 were also interpreted in a similar manner. However, since the scribe(s) supposedly used other visualisations such as or or for the rhythmic structure of "n (./.), it is more likely that another rhythmic structure such
 concordances supply a different interpretation such as "n . Nevertheless, it cannot be claimed that $\stackrel{\sim}{\sim}$ refers to ${ }^{\circ} \underset{\sim}{\sim}$ 个 with certainty since there are many dualities regarding visualisation of a particular rhythmic structure in the manuscript. Furthermore, it is apparent that the scribe(s) avoided using the axis sign above the last pitch sign in a group. This is may be due to the fact
 On the other hand, the only superscript pitch sign transcribed as a grace note in TR-Iüne 21412 is in piece no. 50 (see div. 47.1), which contradictorily is notated in HNIR. In this regard, every single case in which a pitch sign appears in superscript was commented on in the CR.

### 3.5 Other Signs and Instructions

### 3.5.1 Division signs (: : : : )

It is apparent that : was usually employed to indicate the subdivisions of an usûl cycle, while :: or : was used to indicate the end of an usûl cycle. However, it is hard to identify any standardization in the use of these signs. For example, in the piece in usûl düyek (no. 12) the

[^23]scribe preferred to employ : at the end of the usûl cycles, whereas he occasionally preferred $\therefore$ only at the end of hânes. Moreover, in some pieces (e.g. no. 39), :: and $\div$ were randomly employed and in a few cases they were assumed to indicate a repetition, so these were commented on in the CR. However, the cases in which the repetition is already evident from the first and second endings given in parentheses (as mentioned in 3.5.2) by the scribe were not commented on, even if there are division signs inside the parentheses which may also potentially indicate a repetition (e.g. nos. 1, 2, 3).

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As briefly mentioned above, the parentheses were usually employed to indicate the first and second endings so that they signal a kind of repetition. However, we occasionally see that some divisions are given in parentheses even if there is not any second ending confirming the repetition. In such cases, the parentheses were also assumed to indicate the reprise of the present hâne (or a part of it).
Another and frequently used repeat sign in the manuscript is the letter mîm ( $\mathrm{\rho}$ ) in Arabic script and it was employed as an abbreviation of 'mükerrer (repetitive)' by the scribe(s). In many cases, $२$ was placed above the division signs. However, it is also possible to see that this sign is placed under the titles to indicate that a musical piece is repeated in another source(s). Accordingly, the letter mîm (尺) under the titles which can also be seen in the index, were supposedly added by a later hand while p occurring in the notation was accepted as an element of the original layer. In this regard, all the mîm letters that occur in the notation were commented on in the CR according to their possible functions.
On the other hand, the loop sign $(\gamma)$ is less frequently encountered in relation to the letter mîm but it is supposed to have the same function as p (e.g. nos. 31, 50). However, in two pieces (i.e. nos. 6, 14) the loop sign was employed to indicate the reprise of H 2 following $\mathrm{H} 4 .{ }^{35}$ In only one case, e.g. no. 52, there is a different sign which looks like the letter ken ( 4 ) in Arm. script and was accepted as a repeat sign based on its use in other manuscripts, such as TR-Iüne 203-1 and TR-Iütae 110.

### 3.5.3 Teslîm signs (*, \#)

The most frequently employed sign to indicate the teslîm in a piece is the asterisk sign (*), though the visualisation of it may differ depending on the handwriting. It is possible to see different versions even in the same piece written by the same scribe. On the other hand, we occasionally see that a different type of teslîm sign, which looks like a hash (\#), was also employed by the scribe(s), especially in the latter part of the manuscript.

[^24]
### 3.5.4 Texts

Besides the signs and markings, there are also small amounts of text which are mostly related to performance instruction. One of these is 'ilā-āhirihi', which was employed to indicate that a section should be completed on the basis of the same passage appearing before (e.g. nos. $17,21,24$ ). It usually appears at the end of a piece. The second one is 'tamām [قَام]', which also appears at the end of a piece to indicate the end (e.g. nos. 1, 22, 41).

### 3.6 Usûls

The usûl staff in transcriptions was added by the editor. In this regard, most of the usûls were transcribed from the usûl table found at TR-Iüne 211-9, p. [261]. It is thought that these usûl structures can best represent the conventional understanding of the pieces in TR-Iüne 214-12, since both manuscripts were possibly written in a common time period and, as mentioned earlier, there is a dependent relationship between them. However, not all of the usûls indicated in TR-Iüne 214-12 are available in this usûl table, hence dârb-1 fetih and yürük semâî were supplied from BžšKean 1997. ${ }^{36}$ Additionally, the usûl darbeyn, which is encountered only in piece no. 4, is also not given under a separate title in TR-Iüne 211-9. However, based on the fact that it comprises two different usûls, it is assumed that devr-i kebîr and berefşân, which are supplied in TR-Iüne 211-9, are the substructures that constitute this entire usûl.

The usûl Aksak semâî is given with only the name 'aksak' in the usûl table that TR-Iüne 2119 provides. But, the usûl pattern, i.e. düm[1] teke[2] düm[1] tek[2], does not correspond to the needs of the pieces in aksak semâî regarding the durational values of the strokes to match the total timing of an usûl cycle in TR-Iüne 214-12. In this regard, the stroke durations for the usûl aksak semâî were based on NÂSIR AbDÜLbÂkî DEDE 2006, which supplies the same stroke pattern, i.e. düm[2] teke[3] düm[2] tek[3]. In the sengîn semâî pattern found in TR-Iüne 2119 , the duration-related numbers added in pencil above the strokes (darbs) are quite faint due to aging; hence they were assumed to be $1+1+1+1+2$ based on similar stroke patterns in RaûF Yeкtâ 1922 and BžšKean 1997. Other than that, the stroke durations of usûl sakîl given in TR-Iüne 211-9 also mistakenly supplies a total value of 47 beats instead of 48 . In this regard, the $12^{\text {th }}$ stroke given as tek[1] in the table, was readjusted as tek[2] in the transcription.

[^25]
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TR-Iüne 204-2
TR-Iüne 205-3
TR-Iüne 207-5
TR-Iüne 211-9
TR-Iüne 213-11
TR-Iüne 214-12
TR-Iüne 215-13
TR-Iüne 217-15
TR-Iütae 107

TR-Iütae 108

TR-Iütae 109

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## APPENDIX

Original Pagination and Corresponding File Numbers of the Pieces in TR-Iboa 355

|  | RISM Library Sigla of TR-Iboa 355* |  |  |
| :---: | :---: | :---: | :---: |
| Piece <br> No | According to Orig. Pagination | According to File Nos. | Kayd şüd |
| 1 | TR-Iboa 355b, pp. 2-3 | TR-Iboa 355, img. 287-8 | unknown |
| 2 | TR-Iboa 355b, pp. 4-5 | TR-Iboa 355, img. 289-90 | - |
| 3 | TR-Iboa 355b, pp. 5-6 | TR-Iboa 355, img. 290-91 | $\checkmark$ |
| 4 | TR-Iboa 355b, pp. 6-8 | TR-Iboa 355, img. 291-3 | $\checkmark$ |
| 5 | TR-Iboa 355b, pp. 8-10 | TR-Iboa 355, img. 293-5 | $\checkmark$ |
| 6 | TR-Iboa 355b, pp. 10-11 | TR-Iboa 355, img. 295-6 | $\checkmark$ |
| 7 | TR-Iboa 355b, pp. 12-13 | TR-Iboa 355, img. 297-8 | $\checkmark$ |
| 8 | TR-Iboa 355b, pp. 13-14 | TR-Iboa 355, img. 298-9 | - |
| 9 | TR-Iboa 355b, pp. 14-15; TR-Iboa 353, p. 16 | TR-Iboa 355, img. 299-300; TR-Iboa 353, img. 206 | $\checkmark$ |
| 10 | TR-Iboa 353b, pp. 16-7 | TR-Iboa 353, img. 206-7 | $\checkmark$ |
| 11 | TR-Iboa 355b, pp. [18-9] | TR-Iboa 355, img. 344-3 | $\checkmark$ |
| 12 | TR-Iboa 355b, pp. [19]-21 | TR-Iboa 355, img. 343-1 | $\checkmark$ |
| 13 | TR-Iboa 355b, p. 21 | TR-Iboa 355, img. 341 | $\checkmark$ |
| 14 | TR-Iboa 355b, pp. 23-5 | TR-Iboa 355, img. 330-32 | $\checkmark$ |
| 15 | TR-Iboa 355b, pp. 25-6 | TR-Iboa 355, img. 332-3 | $\checkmark$ |
| 16 | TR-Iboa 355b, pp. 26-8 | TR-Iboa 355, img. 333-5 | $\checkmark$ |
| 17 | TR-Iboa 355b, pp. 28-9; TR-Iboa 353, p. 30 | TR-Iboa 355, img. 335-6; TR-Iboa 353, img. 204 | $\checkmark$ |
| 18 | TR-Iboa 353, pp. 30-32 | TR-Iboa 353, img. 204-5-3 | $\checkmark$ |
| 19 | TR-Iboa 353, pp. 32-3; <br> TR-Iboa 355b, p. 34 | TR-Iboa 353, img. 203-2; TR-Iboa 355, img. 337 | $\checkmark$ |
| 20 | TR-Iboa 355b, pp. 34-6 | TR-Iboa 355, img. 337-9 | $\checkmark$ |
| 21 | TR-Iboa 355b, pp. 36-[8] | TR-Iboa 355, img. 339-40, img. 328 | $\checkmark$ |
| 22 | TR-Iboa 355b, p. [38], pp. 40-41 | TR-Iboa 355, img. 328, img. 304-3 | $\checkmark$ |
| 23 | TR-Iboa 355b, p. 41, pp. 44-5 | TR-Iboa 355, img. 303, img. 317-8 | $\checkmark$ |
| 24 | TR-Iboa 355b, pp. 45-6 | TR-Iboa 355, img. 318-9 | $\checkmark$ |
| 25 | TR-Iboa 355b, pp. 46-9 | TR-Iboa 355, img. 319-22 | $\checkmark$ |
| 26 | TR-Iboa 355b, pp. 49-50 | TR-Iboa 355, img. 322-3 | $\checkmark$ |

[^26]| 27 | TR-Iboa 355b, pp. 50-51 | TR-Iboa 355, img. 323-4 | $\checkmark$ |
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| 28 | TR-Iboa 355b, pp. 51-3 | TR-Iboa 355, img. 324-6 | $\checkmark$ |
| 29 | TR-Iboa 355b, p. 53 | TR-Iboa 355, img. 326 | $\checkmark$ |
| 30 | TR-Iboa 355b, pp. 56-7 | TR-Iboa 355, img. 245-4 | $\checkmark$ |
| 31 | TR-Iboa 355b, p. 80 | TR-Iboa 355, img. 266 | $\checkmark$ |
| 32 | TR-Iboa 355b, pp. 81-2 | TR-Iboa 355, img. 267-8 | $\checkmark$ |
| 33 | TR-Iboa 355b, pp. 82-4 | TR-Iboa 355, img. 268-70 | $\checkmark$ |
| 34 | TR-Iboa 355b, pp. 84-5 | TR-Iboa 355, img. 270-1 | $\checkmark$ |
| 35 | TR-Iboa 355b, pp. 85-7 | TR-Iboa 355, img. 271-3 | $\checkmark$ |
| 36 | TR-Iboa 355b, p. 87 | TR-Iboa 355, img. 273 | - |
| 37 | TR-Iboa 355b, pp. 88-9 | TR-Iboa 355, img. 274-5 | - |
| 38 | TR-Iboa 355b, pp. 89-91 | TR-Iboa 355, img. 275-7 | - |
| 39 | TR-Iboa 355b, pp. 91-3 | TR-Iboa 355, img. 277, img. 281-2 | - |
| 40 | TR-Iboa 355b, pp. 93 | TR-Iboa 355, img. 282 | $\checkmark$ |
| 41 | TR-Iboa 355b, pp. 93-5 | TR-Iboa 355, img. 282-4 | $\checkmark$ |
| 42 | TR-Iboa 355b, pp. 95-[6] | TR-Iboa 355, img. 284, img. 278 | $\checkmark$ |
| 43 | TR-Iboa 355b, pp. [96-7], p. 98 | TR-Iboa 355, img. 278-9, img. 302 | $\checkmark$ |
| 44 | TR-Iboa 355b, pp. 98-9 | TR-Iboa 355, img. 302-1 | $\checkmark$ |
| 45 | TR-Iboa 355b, pp. 99-100 | TR-Iboa 355, img. 301, img. 246 | $\checkmark$ |
| 46 | TR-Iboa 355b, pp. 100-102 | TR-Iboa 355, img. 246-8 | $\checkmark$ |
| 47 | TR-Iboa 355b, pp. 102-3 | TR-Iboa 355, img. 248-9 | $\checkmark$ |
| 48 | TR-Iboa 355b, pp. 103-5 | TR-Iboa 355, img. 249, img. 236-7 | $\checkmark$ |
| 49 | TR-Iboa 355b, pp. 106-8 | TR-Iboa 355, img. 238-40 | $\checkmark$ |
| 50 | TR-Iboa 355b, pp. 108-110 | TR-Iboa 355, img. 240-42 | - |
| 51 | TR-Iboa 355b, pp. 115-6 | TR-Iboa 355, img. 243, img. 285 | unknown |
| 52 | TR-Iboa 355b, pp. 116-7 | TR-Iboa 355, img. 285-6 | - |
| 53 | TR-Iboa 355b, pp. 124-5 | TR-Iboa 355, img. 254-5 | $\checkmark$ |
| 54 | TR-Iboa 355b, pp. 125-7 | TR-Iboa 355, img. 255-7 | $\checkmark$ |
| 55 | TR-Iboa 355b, pp. 127-9 | TR-Iboa 355, img. 257-9 | $\checkmark$ |
| 56 | TR-Iboa 355b, pp. 129-30 | TR-Iboa 355, img. 259-60 | $\checkmark$ |
| 57 | TR-Iboa 355b, pp. 130-31 | TR-Iboa 355, img. 260-61 | $\checkmark$ |
| 58 | TR-Iboa 355b, pp. 131-2 | TR-Iboa 355, img. 261-2 | $\checkmark$ |
| 59 | TR-Iboa 355b, pp. 132-3 | TR-Iboa 355, img. 262-3 | $\checkmark$ |
| 60 | TR-Iboa 355b, pp. 133-4 | TR-Iboa 355, img. 263-4 | $\checkmark$ |
| 61 | TR-Iboa 355b, p. 134 | TR-Iboa 355, img. 264 | $\checkmark$ |
| 62 | TR-Iboa 353, pp. 136-7 | TR-Iboa 353, img. 729-30 | $\checkmark$ |
| 63 | TR-Iboa 353, p. 137; <br> TR-Iboa 355b, pp. [138-9] | TR-Iboa 353, img. 730; <br> TR-Iboa 355, img. 234-5 | $\checkmark$ |
| 64 | TR-Iboa 355b, pp. [139]-40 | TR-Iboa 355, img. 235, img. 305 | $\checkmark$ |


| 65 | TR-Iboa 355b, pp. 140-41 | TR-Iboa 355, img. 305-6 | $\checkmark$ |
| :--- | :--- | :--- | :---: |
| 66 | TR-Iboa 355b, pp. 141-2 | TR-Iboa 355, img. 306-7 | $\checkmark$ |
| 67 | TR-Iboa 355b, p. 142 | TR-Iboa 355, img. 307 | - |
| 68 | TR-Iboa 355b, pp. 144-7 | TR-Iboa 355, img. 308-11 | $\checkmark$ |
| 69 | TR-Iboa 355b, p. 148 | TR-Iboa 355, img. 312 | $\checkmark$ |
| 70 | TR-Iboa 355b, p. 149 | TR-Iboa 355, img. 313 | unknown |
| 71 | TR-Iboa 355b, p. 150 | TR-Iboa 355, img. 314 | unknown |
| 72 | TR-Iboa 355b, p. 155 | TR-Iboa 355, img. 315 | - |
| 73 | TR-Iboa 355c, pp. 2-3 | TR-Iboa 355, img. 214-5 | unknown |
| 74 | TR-Iboa 355c, pp. 3-4 | TR-Iboa 355, img. 215-6 | - |
| 75 | TR-Iboa 355c, pp. 4-5 | TR-Iboa 355, img. 216-7 | $\checkmark$ |
| 76 | TR-Iboa 355c, pp. 5-7 | TR-Iboa 355, img. 217-9 | - |
| 77 | TR-Iboa 355c, p. 8 | TR-Iboa 355, img. 220 | $\checkmark$ |
| 78 | TR-Iboa 355c, pp. 9-10 | TR-Iboa 355, img. 221-2 | $\checkmark$ |
| 79 | TR-Iboa 355c, p. 11 | TR-Iboa 355, img. 223 | - |
| 80 | TR-Iboa 355c, pp. 11-[4] | TR-Iboa 355, img. 223-6 | $\checkmark$ |
| 81 | TR-Iboa 355c, pp. [14-5] | TR-Iboa 355, img. 226-8 | $\checkmark$ |
| 82 | TR-Iboa 355c, pp. 15-6 | TR-Iboa 355, img. 228-9 | $\checkmark$ |
| 83 | TR-Iboa 355c, pp. 17-8 | TR-Iboa 355, img. 230-1 | - |
| 84 | TR-Iboa 355c, pp. 18-9 | TR-Iboa 355, img. 231-2 | - |

CRITICAL REPORT

## Rāst Beñli sakāl

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 1, 1. 1 -p. 4, 1. 9

Râst
Sakîl
Peşrev
Benli Hasan Ağa (1607-1662)
Rāst Beñli Ḥasan Āg̀ā ūṣūli şakīl; ḍarb 48
CMOi0187

## Remarks

Mîm letter (م) below the heading.
For all of the second endings in this piece, the scribe preferred to use : instead of $\%$.
In H4, there are two usûl cycles while all the consulted concordances except TR-Iütae 109 supply three.

## Structure

| H1 | $\mid:$ | $1 / \mathrm{T}$ | $: \mid$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| H2 | $\mid:$ | 1 | $: \mid:$ | $1 / \mathrm{T}$ | $: \mid$ |  |
| H3 | $\mid:$ | 1 | $: \mid:$ | 1 | $: \mid:$ | $1 / \mathrm{T}$ |
| H4 | $\mid:$ | 1 | $: \mid:$ | $1 / \mathrm{T}$ | $: \mid$ |  |
| H4 |  |  |  |  |  |  |

## Pitch Set



## Notes on Transcription

 ค

12.4 H.
18.4
.


 211-9: הת An.

See note on 18.4.
See note on 20.1 (TR-Iüne 211-9: :~הر:



The scribe first attempted to write up the group to the end of upper line, which could be determined by the shade of ink. But then apparently decided to erase it due to lack of space.


Scribe wrote down $\boldsymbol{\sim}$ first, then changed it to $\omega$.


 : ; ; TR-Iüne 211-9 (2 $2^{\text {nd }}$ lay.): $\widehat{\ldots \sim \sim A}$.
See note on 44.1 (TR-IÏne 211-9 (1st lay.):
See note on 44.1 (TR-Iüne 211-9 (1 $1^{\text {st }}$ lay.):
 " the shade of ink it is deducible that there was an extra $\approx$ sign, as is the case in TR-Iüne 211-9 ( $2^{\text {nd }}$ lay.). It was later erased for some reason.

See note on 48.4.


 lay.): s. s ; TR-Iüne 211-9 ( $2^{\text {nd }}$ lay.): $\widehat{\text { wrsp }}$.
 ;


> F for

There is a tie sign above the group. It possibly functions as a legato since there is no pitch sign that could be tied to the previous or subsequent group.


 ~ ; ; TR-Iüne 211-9 (2 $2^{\text {nd }}$ lay.): "



95.3 $\therefore \ddot{\sim}$

## Consulted Concordances

TR-Iüne 205-3, pp. 1-3; TR-Iüne 207-5, pp. 1-3; TR-Iüne 211-9, pp. 1-4; TR-Iütae 109, pp. 23.

# Büzürg ūṣūli muhhammes 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 5, 1. 1 - p. 7, 1. 2

Büzürg
Muhammes
Peşrev
Nâyî Osmân Dede (1652-1729)
Büzürg Nāyī Şeyḩ 'Ossmān Efendi'niñ muḩammes; ḍarb 16
CMOi0028

## Remarks

There is an Arabic mîm letter (م) below the heading.
Since the double strokes in the original layer simply mean a doubled eighth note or tremolo; it is possible to claim that the slightly shorter double strokes (miniscule double strokes) were added by a later hand to indicate the eighth notes. Also, some of the single strokes were transformed into double strokes (See divs. 19.2-19.4).
An indication technique is used for the teslîm sections of H2, H3 and H4. Therefore, only the asterisk or the first a few groups of the teslîm are provided by the scribe. With this technique, the scribe avoided having to write up all the teslîm parts again.

## Structure

| H1 | $\mid$ | 1 | $\mid$ | $1(\mathrm{~T})$ | $\mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid$ | 3 | $\mid$ | $1(\mathrm{~T})$ | $\mid$ |
| H3 | $\mid$ | 3 | $\mid$ | $1(\mathrm{~T})$ | $\mid$ |
| H4 | $\mid$ | 3 | $\mid$ | $1(\mathrm{~T})$ | $\mid$ |

Pitch Set


## Notes on Transcription

6.1

 نْ .
11.2 Orig. "领; TR-Iüne 203-1:
15.3
 3: ه .




$37.3 \quad$ See note on 15.3.







## Consulted Concordances

TR-Iüne 203-1, p. 9; TR-Iüne 205-3, pp. 30-31; TR-Iüne 211-9, pp. 132-4; TR-Iütae 249, pp. 425-6; TR-Iütae 249, pp. 421-3; TR-Iütae 249, p. 453.

# Rehāvī ūṣūli sakā̄l 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 7, 1. 3 - p. 12, 1. 3

Rehâvî
Sakîl
Peşrev
-
Rehāvī ūṣūli sakaīl; ḍarb 48
CMOi0204

## Remarks

There is an Arabic mîm letter (尺) below the heading.
Before the $1^{\text {st }}$ ending at the end of H 2 , the last two groups of the division are written in a slightly smaller font (See div. 50.2-3). There might be two possible reasons behind this. First, these groups could have been added by the scribe at a later stage. If it is assumed that the piece was copied from another source/sources (see note on 58); it could be claimed that an indication technique was used in the original source because the same division appeared before in H1 (See div. 11). In this way, a reference is being made so that the scribe avoided having to write the whole part again and the same indication technique is used for teslîm sections in other pieces. But this time, it would not be appropriate to say that the scribe did not know this technique since it had been used before for the teslîm sections of the previous piece. However, it is possible that the scribe wanted to fill in the missing groups because there were no asterisks or other signs used to refer the division since it is not part of a teslîm. The second and stronger possibility is that the division might have been completed by a later hand whose existence is also supported by subsequently added duration signs such as and.
For all of the second endings in this piece, the scribe preferred to use : instead of $\%$. The piece is attributed to Kantemiroğlu (1673-1723) in TR-Iüne 207-5.

## Structure

| H1 | $\mid:$ | 1 | $: \mid:$ | 1 | $: \mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 1 | $: \mid:$ | 1 | $: \mid$ |
| H3 | $\mid:$ | 1 | $: \mid:$ | 1 | $: \mid$ |
| H4 | $\mid:$ | 1 | $: \mid:$ | 1 | $: \mid$ |

## Pitch Set



## Notes on Transcription







 Iüne 211-9:
21.4 Orig. $\quad$.

23.4 See note on 20.1.
 Orig.

See note on 31.4.
صor for

 5, TR-Iüne 211-9: ${ }^{\circ} \times \sim \neq{ }^{\prime \prime}$


Orig. $⿰ \sim \sim$. The second pitch sign was scratched out and subsequently changed


See note on 43.1.
See note on 42.1.
 ""~"; TR-Iüne 211-9 (2 $2^{\text {nd }}$ lay.): $\dot{\sim}$.
 5: "'m; ; TR-Iüne 211-9:
 Iüne 211－9：‘＾～～＇。


45.3


47.4
49.4

51．1－3
58
，
（
58.4
60.1
65.4
74.4
77.1
77.2
79.3
80.3
81.3
83.3
92.2
101.3
104.1



From the shade of ink，it is deducible that the scribe mistakenly wrote the second upcoming division first and then subsequently erased it．This might constitute evidence for the argument that the scribe copied the piece from another source．
 Transcribed as $\dot{\xi}$ ．TR－Iüne 205－3；TR－Iüne 207－5：$\dot{\xi}$ ．
For ＂．
 $\therefore$
Orig．．．Scratched out and changed to ． Iüne 205－3，TR－Iüne 207－5，TR－Iüne 211－9：
E～s～for before at div． 51.1 as
$\omega_{\mu}$ ，for ${ }_{n}{ }_{n} \omega_{\mu}$ ．As a part of an identical second ending，the group appeared before


，TR－Iüne 205－3，TR－Iüne 211－9：多 for
See note on 79．3．
See note on 80．3．

，zfor for ．TR－Iüne 205－3，TR－Iüne 207－5：：
今́今～～～for sํ⿻三丨～。

## Consulted Concordances

TR－Iüne 205－3，pp．25－8；TR－Iüne 207－5，pp．19－22；TR－Iüne 211－9，pp．154－8．

# Sāzkār ūṣūli ḍarbeyn 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 12, 1. 4 - p. 18, 1.2

Sâzkâr
Darbeyn
Peşrev
Tanbûrî Musi (fl. ca. 1750)
Sāzkār Musi'niñ ūṣūli ḍarbeyn; ḍarb 30
CMOi0215

## Remarks

There is an Arabic mîm letter (尺) below the heading.
It is evident that the scribe hesitated on dividing cycles into divisions depending on usûl darbeyn, which is comprised of two usûls (here devr-i kebîr and berefşân). Most probably, the conflict arose around considering the length of one cycle to be between $30 / 2$ and $60 / 2$. Accordingly, in H1, the placement of division signs and parentheses were changed, which could be seen from the red ink stains. A more perceptible form of this indecisive intervention can be seen at H2, where some of the cycles were divided differently - evident because the previous markings had not been erased. But regarding the red ink tones, it is also possible to assume that the corrections were made by a later hand. Because, in H 3 and H 4 where there is no intervention, the red ink is slightly darker. Since these corrective interventions also coincides with the consulted concordances, the usûl structure was interpreted as a combination of devr-i kebîr and berefşân, where a cycle equals to thirty half notes.
Some kind of special technique was used for some of the endings. According to this technique; an incomplete note group before the first ending was combined with the groups in both the first and second endings, which are given in parentheses. Additionally, for some of the second endings (divs. $52,71,89,107,126$ ) the scribe preferred to use : instead of $\%$.

## Structure

| H1 | $\mid:$ | 2 | $: \mid:$ | 2 | $: \mid$ |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 2 | $: \mid:$ | 2 | $: \mid$ |  |  |
| H3 | $\mid:$ | 2 | $: \mid:$ | 2 | $: \mid:$ | 2 | $: \mid$ |
| H4 | $\mid:$ | 2 | $: \mid:$ | 2 | $: \mid$ |  |  |

The endings of particular cycles in H1 and H4 (divs. 33-34, 141.3-142 and 156.4-158) are shown in parentheses as if there are second endings. In this regard, it is assumed that there are repetitions at the end of those divisions.

## Pitch Set



## Notes on Transcription


10.2

$11.2 \quad$ See note on 10.2

12.3.2 $\quad$ for $\boldsymbol{\sim}$. Because the divs. $9-18$ appear again between $43-52$ and the pitch is as $\approx$ this time, it is highly possible that the scribe forgot to place the kisver (pitch alteration sign). TR-Iüne 205-3, TR-Iüne 207-5, TR-Iüne 211-9: $\begin{gathered}\text {. }\end{gathered}$
$17.1 \quad \dot{\sim}$ was added later because of the wrong placement of the opening parenthesis of the first ending. If it was placed after the first note group in div. 16, there would be no need to add this extra pitch due to special ending writing as explained in the Remarks section above.

$25.3 \quad \mathrm{\sim w}$. The duration sign above the first pitch sign seems like a dotted stroke but it also could be caused by a scribal error. Based on the concordances it has been transcribed as a stroke without a dot $\mathfrak{w}$. TR-Iüne 205-3, TR-Iüne 207-5, TR-Iüne

Due to a corrective intervention of the scribe on usûl structure, : is altered to $\therefore$.

Wrong placed div. sign in the middle of the div. seems to have been cancelled with a vertical scratch later by the scribe or another hand.
32.3

See note on 30.1.


See note on 44.2.
46.1


The starting point of the first ending seems to have been changed by adding an extra parenthesis with red inked pen, possibly by a later hand who was not aware of the special ending writing.
59.2.2 $\quad$ for $\boldsymbol{\star}$. Because the divs. between 58-61 appeared before between 40-43 and the group as $\boldsymbol{\pi}$, it is highly possible that the scribe forgot to place the kisver. TR-Iüne 205-3, TR-Iüne 207-5, TR-Iüne 211-9: $\boldsymbol{\sim}$. $\dot{\sim}$ was added with red ink by a later hand who was not aware of the special ending writing.
~~w for "ٌ", TR-Iüne 205-3: The div. is missing. TR-Iüne 207-5, TR-Iüne 2119: "~~".


## See note on 64.1.



.
ט
: for

 $\therefore$ for ss.
"

for See note on 49.

Consulted Concordances
TR-Iüne 205-3, pp. 3-7; TR-Iüne 207-5, pp. 8-12; TR-Iüne 211-9, pp. 8-12.

# Nihāvend-i kebīr ūṣūli devr-i kebīr 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 18, 1. 3 - p. 21, 1. 8

Nihâvend-i kebîr
Devr-i kebîr
Peşrev
-
Nihāvend-i kebīr ūṣūli devr-i kebīr; ḍarb 14
CMOi0480

## Remarks

There is an Arabic mîm letter (م) below the heading.
There are also p letters which mean repeated (mükerrer) at the end of the first endings (dives. $16,44,70,88)$. The ink colors of those are red, except the one at div. 70 . Therefore, black ink may indicate that it was added by a later hand.
There are some duration signs such as $\mu$, . and slightly thicker single strokes (,) which were possibly added by a later hand. Since some of these additions coincide with the consulted concordances, transcriptions have been made accordingly and not stated in Notes on Transcription section.
Additionally, for some of the second endings (dives. 28, 45) the scribe preferred to use : instead of $\%$.

## Structure

| H1 | $\mid:$ | 4 | $: \mid:$ | $2(\mathrm{~T})$ | $: \mid$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| H2 | $\mid:$ | 4 | $: \mid:$ | $2(\mathrm{~T})$ | $: \mid$ |
| H3 | $\mid:$ | 6 | $: \mid:$ | 4 | $: \mid$ |
| H4 | $\mid$ | 8 | $\mid$ |  |  |

Pitch Set


## Notes on Transcription

3.2
92.1 The duration and alteration signs above the pitch, are a little bit blurred because of the ink.
94.1

95.3 ~یرتمر for . TR-Iüne 205-3, TR-Iüne 207-5, TR-Iüne 211-9:
97.3.2 $\sim$ for $\approx$. TR-Iüne 205-3, TR-Iüne 207-5, TR-Iüne 211-9: $\approx$
99.3 for for frañ . TR-Iüne 205-3, TR-Iüne 207-5, TR-Iüne 211-9: :





## Consulted Concordances

TR-Iüne 205-3, pp. 7-10; TR-Iüne 207-5, pp. 5-7; TR-Iüne 211-9, pp. 5-7.

## Zāavil ūṣūli ḥafif

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 21, 1. 9 - p. 25, 1. 2

Zâvil
Hafîf
Peşrev
Zekî Mehmed Ağa (1776-1846)
Zāvīl Zekī Aġa'nıñ ūṣūli ḥafîf; ḍarb 32
CMOi0206

## Remarks

For H1's teslîm, no asterisk is used as is the case in the next hânes; rather there is a black ink dot (div. 13) which is not clear whether it was done intentionally or not. In H2 and H3, the scribe probably refers to this part as a teslîm by providing only a first note group (q~w) of it with an asterisk.

## Structure

| H1 | $\mid:$ | 1 | $\mid$ | $1 / \mathrm{T}$ | $: \mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 1 | $\mid$ | $1 / \mathrm{T}$ | $: \mid$ |
| H3 | $\mid:$ | 1 | $\mid$ | $1 / \mathrm{T}$ | $: \mid$ |
| H4 | $\mid:$ | 1 | $\mid$ | $1 / \mathrm{T}$ | $: \mid$ |

The last divisions of H 1 and H 3 (divs. 16, 43) are shown in parentheses. Hence, it is assumed that these parentheses signalize a repetition.

## Pitch Set



## Notes on Transcription



。
 ．
 －

6.2

See note on 2．2．
8.3

See note on 4．3．
． ＂ジミn．
 lay．）：میِّرْتُ，
11.3
．TR－Iüne 211－9（2 $2^{\text {nd }}$ lay．）：



 （2 $2^{\text {nd }}$ lay．）：
今ッ＂～＂～＂。
 ＂。＂。 ＂Mrñon．


 lay．）：：
 ．
． －为

 transcription is made based on the former interpretation．TR－Iüne 211－9： ．
See note on 22．2．


39.1
44.2

See note on 26.2.

 .

 , for lay.): :
See note on 47.3.


. lay.):
See note on 52.3.

 :
Hor .





## Consulted Concordances

TR-Iüne 211-9, pp. 35-7; TR-Iütae 109, pp. 144-5; TR-Iütae 107, pp. 198-9.

## Nev-eser ūṣūli devr-i kebīr

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 25, 1. 3 - p. 27, 1.5

Neveser
Devr-i kebîr
Peşrev
İsmâîl Dede Efendi (1778-1846)
Nev-eser İsmā‘īl Dede ūṣūli devr-i kebīr; ḍarb 14
CMOi0506

## Structure

| H1 | $\mid:$ | 3 | $\mid$ | $1(\mathrm{~T})$ |
| :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 3 | $\mid$ | $1(\mathrm{~T})$ |
| H | $: \mid$ |  |  |  |
| H3 | $\mid:$ | 3 | $\mid$ | $1(\mathrm{~T})$ |
| H4 | $: \mid$ |  |  |  |
| H4 | $\mid:$ | 3 | $\mid$ | $1(\mathrm{~T})$ |
|  | $: \mid$ |  |  |  |

## Pitch Set



## Notes on Transcription





18.1 . have been added later with a red ink pen.

20.3 . have been added later with a red ink pen.
25.1

52.1 For for

52.3


53.1 \&

55
For seem to have been added later with a red ink pen.

## Consulted Concordances

TR-Iüne 211-9, pp. 33-4.

# Yegāh ber-efşān İsak'ıñ 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 27, 1. 6 - p. 30, 1. 9

Yegâh
Berefşân
Peşrev
Tanbûrî İsak (d. after 1807)
Yegāh İsaḳ'ıñ ūṣūli ber-efşān; ḍarb 16
CMOi0500

## Remarks

There is an Arabic mîm letter (م) below the heading.
For the first and second endings in H 1 and H 3 , the scribe used $\div$ and : respectively. But in H2, at the end of divs. 25 and 26 , the scribe chose an opposite order as : and $:$ for the endings.
There is a red inked mîm letter (mükerrer) at the end of div. 34, possibly for reprise purposes, where the second ending does not exist.
This piece features many pitch signs written in superscript by the scribe. But the consulted concordances (except TR-Iüne 211-9) supply different visualisation in most cases. For example, a group including two pitch signs in superscript, such as $\cdots w^{*}$ in TR-Iüne 214-12, is usually notated as ${ }^{\text {ºr }}$ ' ${ }^{\circ}$ in TR-Iüne 204-2 and TR-Iütae 109.

## Structure

| H1 | $\mid:$ | 2 | $\mid$ | $1 / \mathrm{T}$ | $: \mid$ |
| :--- | :--- | :--- | :--- | :---: | ---: |
| H2 | $\mid:$ | 2 | $\mid$ | $1 / \mathrm{T}$ | $: \mid$ |
| H3 | $\mid:$ | 2 | $: \mid:$ | 2 | $\mid$ |
| H4 | $\mid:$ | 5 | $\mid$ | $1 / \mathrm{T}$ | $: \mid$ |

1/T :|

The last division of H 4 (div. 71) is shown in parentheses as if there is a second ending. It is assumed that this signalize a repetition.

## Pitch Set



## Notes on Transcription


 204-2: "~^’.
 TR-Iütae 109:


 5:
 Iütae 108, TR-Iütae 109: '~"~" .




12.1.3 The pitch sign was written with both double eighth and half note duration signs as $\dot{\sim}$ was mistakenly written first, then erased for correction and rewritten as $\dot{\alpha}$, which could be derived from the ink stain. It possibly shows that the scribe made a mistake while copying because the subsequent group is s $\checkmark$.
12.4






16.2 ~~ for . TR-Iüne 205-3, TR-Iüne 207-5, TR-Iüne 211-9: TR-Iütae 108, TR-Iütae 109: \&́r .
18.2 Tor forninn . TR-Iüne 204-2, TR-Tüne 205-3, TR-Iüne 207-5, TR-Iütae 108,



28.3
63.1.1 $\quad$ for $\tilde{\sim}$. All the consulted concordances feature $\tilde{\sim}$.
$67.2 \quad$ for $\stackrel{\mu}{\mu} \mu_{\mu}$. . TR-Iüne 204-2, TR-Iüne 205-3, TR-Iüne 207-5, TR-Iütae 109:


## Consulted Concordances

TR-Iüne 204-2, pp. 44-5; TR-Iüne 205-3, pp. 88-91; TR-IÏne 207-5, pp. 27-9; TR-Iüne 211-9, pp. 20-23; TR-Iütae 108, pp. 73-4; TR-Iütae 109, pp. 20-21.

## Hūzī devr-i kebīr

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 31, 1. 1 - p. 33, 1. 7

Hûzî
Devr-i kebîr
Peşrev
Kemânî Corci (d. ca. 1785)
Hūzī Corci'niñ ūṣūli devr-i kebīr; ḍarb 14
CMOi0163

## Remarks

There is an Arabic mîm letter (م) below the heading.
For the first time in the manuscript, the scribe uses a loop sign $(\gamma)$ at the beginning of H 2 (div. 10), which is referenced at the end of the H 4 (div. 66) with the same sign and first note group. Normally the scribe would use an asterisk sign for this kind of technique because the repeated parts are usually teslîm sections. But since here it is not a teslîm, the scribe most likely preferred to use another sign.

## Structure

| H1 | $\mid:$ | 2 | $: \mid$ |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 2 | $: \mid:$ | 2 | $: \mid:$ | 2 | $: \mid$ |
| H3 | $\mid:$ | 2 | $: \mid:$ | 1 | $: \mid:$ | 1 | $: \mid$ |
| H4 | $\mid:$ | 2 | $: \mid:$ | 2 | $: \mid$ |  |  |

There are red inked mîm letters (م) in H2 and H3 (dives. 26 and 45), possibly to indicate a repetition where the second ending does not exist.

## Pitch Set



## Notes on Transcription

2.2


 Anow for
 was similiar to in the consulted concordances, he probably would not write the first two pitch signs in superscript.
 For



m\& for "

See note on 10.1.

, TR-Nüne for 205-3, TR-Iüne 211-9:
$\dot{\sim}$. Due to similar phrases between divs. 5.2-6.2 and 12.1-13.1, it would be expected to be the same as $5.3\left({ }^{\circ} \dot{\sim}\right)$. In this regard, there is a possibility that the scribe forgot to write the first two pitch signs. But because it might also be a variant depending on playing style, it is transcribed as: $\dot{\sim}$.



ص:




صor



مurs for





: for










62.3 .

65.2 for ", for . TR-Iüne 205-3, TR-Iüne 211-9: "

## Consulted Concordances

TR-Iüne 205-3, pp. 115-18; TR-Iüne 211-9, pp. 130-32.

# Būselik Fetḥ-i Baġdād muḥammes 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 33, 1. 8 - p. 36, 1.6

Bûselik
Muhammes
Peşrev
-
Būselik Fetḥ-i Baġdād ūṣūli muḥammes; ḍarb 16
CMOi0055

## Remarks

There is an Arabic mîm letter (尺) below the heading.
In TR-Iütae 249, the piece is attributed to Mahmûd I (1696-1754) although there is no attribution for the remaining consulted concordances.
Some of the opening parentheses of the endings were completed or repainted by black ink over red (See divs. 34 and 52 in the ms.).

## Structure

| H1 | $\mid:$ | 2 | $: \mid$ |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 2 | $: \mid:$ | 2 | $: \mid$ |
| H3 | $\mid:$ | 2 | $: \mid:$ | 2 | $: \mid$ |
| H4 | $\mid:$ | 2 | $: \mid:$ | 2 | $: \mid$ |

There is a red inked mîm letter ( P ) above $:$ at div. 17 in H 2 and it is assumed to signalize a repetition.

## Pitch Set



## Notes on Transcription

4.4

6.4

8.4
11.2
12.4
17.1
 ．
For for TR－Iüne 211－9：$\widehat{\text { ans．}}$ ．

 Iüne 211－9：بر ．

 s．
 ：

 Iüne 211－9：
 211－9：～～～
 ．
天＊for
．Due to similar structure between divs．27－28 and 31－32，it would be expected to be the same as 32.3 （ 2 ）．In this regard，there is a possibility that the scribe made a mistake．But because it might also be a variant depending on playing style，it is transcribed as it is．
مبی今人

 ：
See notes on 34．1．
 211－9：s．．．

For
：for

 211－9：
 to provide a guide. But because the structure is the same as in divs. 34.1 and 35.1, the transcription is made with those duration signs.
44.1 A visible ink stain behind the group possibly caused by a corrective intervention of the scribe.
$46.2 \quad \wedge \tau$. Due to similar phrases between divs. 45.3-46.4 and 47-48.2, it would be expected to be the same as 47.4 ( $\sim \bar{\sim}$ ). In this regard, there is a possibility that the scribe made a mistake. But because it might also be a variant depending on playing style, it is transcribed as it is $\mu \sim$. TR-Iüne 205-3, TR-Iüne 211-9: $\sim$ ~ . In TR-Iüne 211-9, it is apaprent that the scribe wrote $\sim \tilde{\sim}$ at first, as is the case in TR-Iüne 214-12 and then subsequently changed $\tilde{\sim}$ to $\tilde{\sim}$ by overwriting and without any scratching or erasing process. This might be an indication for the argument that TR-Iüne 211-9 was copied from TR-Iüne 214-12 or that they both were copied from the same source.

$50.1 \quad$ See note on 49.1.


52.1 See note on 49.1. TR-Iüne 211-9 ( $2^{\text {nd }}$ lay.) : $;$.
59.3.4 $\quad \omega$ for $\boldsymbol{\omega}$. Due to similar a structure between divs. 23-24 and 59-60, it would be expected to be the same as 23.3.4 (iv). In this regard, there is a possibility that the scribe made a mistake. By considering the context and consulted concordances, it has been transcribed as $\boldsymbol{\approx}$. TR-Iüne 205-3: $\begin{gathered}\text {; }\end{gathered}$ TR-Iüne 211-9: \#.

60.4.4 See note on 59.3.4.
62.3 See note on 26.3.

## Consulted Concordances

TR-Iüne 205-3, pp. 38-40; TR-Iüne 211-9, pp. 17-19; TR-Iütae 109, pp. 200-201; TR-Iütae 249, pp. 571-2.

## Ṭarz-ı cedīd ūṣūli ḥafîf

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 36, 1. 7 - p. 38, 1.8

Tarz-ı cedîd
Hafîf
Peşrev
Mustafâ İzzet Efendi (1801-1876)
Ṭarz-ı cedīd İmām-ı Şehriyārī Mușṭafā Efendi'niñ ūṣūli ḥafíf; ḍarb 32 CMOi0304

## Structure

| H1 | $\mid:$ | 1 | $: \mid$ | $1(\mathrm{~T})$ | $\mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 1 | $: \mid$ | $1(\mathrm{~T})$ | $\mid$ |
| H3 | $\mid:$ | 1 | $: \mid$ | $1(\mathrm{~T})$ | $\mid$ |
| H4 | $\mid:$ | 1 | $: \mid$ | $1(\mathrm{~T})$ | $\mid$ |

The last two groups of div. 8, which is the first ending of the first cycle in H1, are shown in parentheses as if there is a second ending. In this regard, it is assumed that there is a repetition at the end of this division.

## Pitch Set



## Notes on Transcription

。
3.3

For .


 .
 ジ～ミ゙～～


20.2

м
20.3
24.4

$$
27.1
$$ for ．


 for ；TR－Iüne 211－9（2 ${ }^{\text {nd }}$ lay．）：
 9：




For for
s．．．It is not clear if the second pitch sign of the group was written with a pitch alteration sign（kisver）above intentionally．Transcribed with the kisver．TR－ Iütae 107，TR－Iütae 249：s；；TR－Iüne 211－9（ $1^{\text {st }}$ lay．）：s实；TR－Iüne 211－9（2 ${ }^{\text {nd }}$ lay．）：As Also，if the scribe made a mistake with the kisver，this might be an evidence for the arguement that TR－Iüne 211－9 was copied from TR－Iüne 214－ 12 or that they were both copied from the same source．




## Consulted Concordances

TR－Iüne 211－9，pp．39－41；TR－Iütae 107，pp．126－7；TR－Iütae 249，pp．1933－4．

## Feraḥ-fezā Zekī'niñ düyek

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 38, 1. $9-$ p. 40, 1. 9

Ferahfezâ
Düyek
Peşrev
Zekî Mehmed Ağa (1776-1846)
Feraḥ-fezā Zekī Aġa'nıñ ūṣūli düyek; ḍarb 4
CMOi0376

## Remarks

There is an Arabic mîm letter (م) below the heading.

## Structure

| H1 | $\mid$ | 9 | $8(\mathrm{~T})$ | $\mid$ |
| :--- | :--- | :---: | :--- | :--- |
| H2 | $\mid$ | 8 | $\mid$ | $8(\mathrm{~T})$ |
| H3 | $\mid$ | 8 | $\mid$ | $8(\mathrm{~T})$ |
| H4 | $\mid$ | 12 | $8(\mathrm{~T})$ |  |

Pitch Set


## Notes on Transcription




17.1 2 for


25.2 See note on 13.2.
28.3



32.3 See note on 21.3.
37.2.3 $\quad$ for $\boldsymbol{\sim}$. All the consulted concordances feature $\underset{\sim}{\sim}$.
38.1.2 The shape of the pitch sign is not very clear to read. It is transcribed as $\boldsymbol{\sim}$ on the basis of the consulted concordances.
 lay.): $\sim_{\sim}^{*}$; TR-Iüne 211-9 ( $2^{\text {nd }}$ lay.): $\underset{\sim}{\sim}$

## Consulted Concordances

TR-Iüne 204-2, pp. 40-41; TR-Iüne 205-3, pp. 66-8; TR-Iüne 211-9, pp. 125-6.

# Būselik 'aşīrān sakīl 

Source

## Location

Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 41, 1. 1 - p. 43, 1.7

Bûselik aşîrân
Sakîl
Peşrev
-
Būselik ‘aşīrān ūṣūli s sakēil; ḍarb 48
CMOi0059

## Remarks

There is an Arabic mîm letter ( $\rho$ ) below the heading.
The piece is attributed to Tanbûrî İsak (d. after 1807) in TR-Iüne 211-9, TR-Iüne 205-3 and TR-Iüne 207-5, while it is attributed to Kantemiroğlu (1673-1723) in TR-Istek [1], p. 151/1. Despite these different attributions, they are very similar in notation (especially H1 and H2). The scribe used an indication technique for the teslîm in H 2 (div. 19) by giving only the first three note groups of it. But then interestingly he preferred to supply the entire teslîm for H3, despite the fact that the teslîm is identical and the same technique could have been applied. There are some ink stains on the pages as mentioned in Notes on Transcription. (See notes on 8.1, 9.1 and 20.3.)

## Structure

| H1 | $1 / \mathrm{T}$ |  |
| :---: | :---: | :---: |
| H2 | $1 / \mathrm{T}$ |  |
| H3 | $1 / \mathrm{T}$ |  |
| H4 | 2 |  |

Pitch Set


## Notes on Transcription

 It is not clear if it was done by the scribe or another hand. TR-Iüne 203-1, TR-
 -
6.2.3 The scribe meant to write up $\leqslant$ first, then corrected it to $\mu$.


 207-5: : בی: ; ; TR-Iüne 211-9 (2 $2^{\text {nd }}$ lay.):
 ink drop stain which does not affect legibility. TR-Iüne 211-9 ( $1^{\text {st }}$ lay.), TR-Iüne 205-3: :
 identical phrases in the previous divisions, an extra $\wedge$ pitch has been added in

 because the division is a part of the teslîm, it is repeated in H3 and the group is written as before (without $\uparrow$ ).
9.1 Behind the second pitch sign of the group there is an ink drop stain which does not affect legibility.
.

0.3 Behind the first pitch sign of the group there is an ink drop stain which does not affect legibility.
 ( $2^{\text {nd }}$ lay.):
See note on 8.2.


 207-5: " $\omega$ for $\boldsymbol{\sim}$. All the consulted concordances feature $\boldsymbol{\sim}$.
$\Delta_{\mu}$ к for $\tilde{\mu}_{\mu \neq \mu}$. Phrases in divs. 41-44 appears again between divs. 53-56 and this time the group appears as $\overbrace{\mu \neq \mu}$ but the remaining is identical. This may indicate the possibility that the scribe forgot to write up $\mu$. Also because the consulted concordances include it, an extra $\mu$ pitch has been added in the
 107:
50.4.4 See notes on 40.3.2.
51.3
~゙ָ


## Consulted Concordances

TR-Iüne 203-1, p. 15; TR-Iüne 205-3, pp. 28-30; TR-Iüne 207-5, pp. 38-9; TR-Iüne 211-9, pp. 159-61; TR-Iütae 107, pp. 192-3; TR-Iütae 249, pp. 603-4.

## Dügāh Corci'niñ faḩte

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. $43,1.8-$ p. $46,1.9$

Dügâh
Fâhte
Peşrev
Kemânî Corci (d. ca. 1785)
Dügāh Corci'niñ ūṣūli fethe; ḍarb 10
CMOi0172

## Remarks

Mîm letter (م) below the heading.
The scribe used an indication technique for the teslîm of H 2 (div. 38) by giving only the first note group of it with an asterisk. But then interestingly he preferred to notate the entire teslîm in H4, despite the fact that the same technique could have been applied.
The piece finishes with $\approx$ pitch, which does not seem correct for the makâm. In all the other consulted concordances, the piece finishes with $\sim$. Therefore, H2 should have been probably performed following H4 since there is a loop sign $(\gamma)$ at the end of the piece (div. 81), which might indicate such a repetition.

Many corrections and later hand markings in TR-Iüne 211-9 coincide with the original notation in TR-Iüne 207-5.
In TR-Iütae 249, pp. 1195-6; a different usûl cycle was used although it is indicated as Fâhte.

## Structure

| H1 | $\mid:$ | 3 | $\mid$ | $1(\mathrm{~T})$ | $: \mid$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| H2 | $\mid:$ | 4 | $: \mid:$ | 3 | $\mid$ | $1(\mathrm{~T})$ |
| HB | $: \mid$ |  |  |  |  |  |
| H3 | $\mid:$ | 4 | $: \mid:$ | 3 | $: \mid$ |  |
| H4 | $\mid:$ | 3 | $\mid$ | $1(\mathrm{~T})$ | $: \mid$ |  |

## Pitch Set



## Notes on Transcription

1.2

解 TR－Iüne 211－9，above the first pitch sign there is a stain which shows that there was a t＇aw（ $\lambda_{\text {}}$ ）before，but it is not clear if it was erased intentionally．
1．4．4 Orig． $\boldsymbol{\varepsilon} ; 2^{\text {nd }}$ lay．$\tilde{\mathcal{E}}$ ．The alteration sign（kisver）above the pitch seems to have been added later with red ink pen．The transcription is made according to this corrective addition because the structural phrase between 1．3－1．4（ $\sim \mathcal{F} \sim \sim \sim \mathcal{F})$
 and intervals between the pitches．In this regard，the addition seems convenient．

4．2 Another corrective intervention with red ink pen in a way similar to div．1．4．4． This time $\underset{\sim}{\sim} \sim \mathcal{F}$ was altered to $\underset{\sim}{\hat{\mathcal{F}}} \boldsymbol{\mathcal { F }}$ ．But to maintain consistency，the original group was taken into account while transcribing．Because，the same rhythmic phrase appears many times in other divs．（5．3，7．2， 48.2 and 77．3）without any intervention．
 シャッ
 pp．1195－6：$\omega \boldsymbol{\sim}$ ；TR－Iütae 249，pp．1199－1200：$\omega \sim$ ；TR－Iütae 109：＂少～～． $\sim \mathcal{\sim}$









 211－9：
13．2 See note on 11．2．
 9：※～。

 $\%$ 。
救。


 Iüne 211－9：
See note on 23．1．
 9：
See note on 23．1．
27.3

28
29.4

See note on 25．3．
قر
：for
صor



 See note on 9．1．
～

See note on 13.3 （TR－Iüne 207－5 excluded）．
See note on 23．1．
See note on 23．1．

解 for

See notes on 53．2．
，for $\underset{A}{ }$ ．All the consulted concordances feature $\underset{\sim}{*}$ ．
觗解 for
صor ．
为 for


67.1 ~F̂̃ Iüne 211-9: ~今́
67.2
72.1
 Iüne 211-9:
76.2
77.1
77.4
78.2
79.1
79.2
80.2
80.3

See note on 74.1 (TR-Iüne 211-9, pp. 29-31: ^~~~ ).
See note on 10.1 (TR-Iüne 211-9, pp. 29-31: ~~~~~~~
See note on 74.1 (TR-Iüne 211-9, pp. 29-31: anح ).
See note on 11.2 (TR-Iüne 211-9, pp. 29-31: $\underset{\sim}{\hat{\sim}} \boldsymbol{\sim} \tilde{\mathcal{F}}$ ).


See note on 11.2 (TR-Iüne 211-9: $\hat{\boldsymbol{\omega}} \boldsymbol{\sim} \boldsymbol{\mathcal { F }}$ ).
See note on 13.3.

## Consulted Concordances

TR-Iüne 205-3, pp. 10-12; TR-Iüne 207-5, pp. 14-15; TR-Iüne 211-9, pp. 29-31; TR-Iütae 109, pp. 44-5; TR-Iütae 249, pp. 1195-6; TR-Iütae 249, pp. 1199-1200.

Hüzzām Tatar'ıñ fetḥe

| Source | TR-Iüne 214-12 |
| :--- | :--- |
| Location | P. 47, 1.1-p. 51, 1. 9 |
| Makâm | Hüzzâm |
| Usûl | Fâhte |
| Genre | Peşrev |
| Attribution | Tatar |
| Index Heading | Hüzzām Tatar'ñ̃ ūṣūli fetḥe; ḍarb 10 |
| Work No. | CMOi0492 |

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 47, 1.1 - p. 51, 1.9

Hüzzâm
Fâhte
Peşrev
Tatar
Hüzzām Tatar'ñ̃ ūṣūli fetḥe; ḍarb 10
CMOi0492

Remarks
Mîm letter ( P ) below the heading.

Structure

| H1 | $\mid:$ | 4 | $: \mid:$ | 4 | $: \mid:$ | 2 | $: \mid:$ | $2(T)$ | $: \mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :---: | :--- | :---: | :--- |
| H2 | $\mid:$ | 2 | $: \mid:$ | 3 | $: \mid:$ | $2(\mathrm{~T})$ | $: \mid$ |  |  |
| H3 | $\mid:$ | 3 | $: \mid:$ | 4 | $: \mid:$ | $2(\mathrm{~T})$ | $: \mid$ |  |  |
| H4 | $\mid:$ | 2 | $: \mid:$ | 3 | $: \mid:$ | 2 | $: \mid:$ | 4 | $: \mid$ |

Some of the divs. (25, 89-90, 106-107) are shown in parentheses as if there are second endings. Therefore, these parentheses are assumed to signalize a repetition. Additionally, there is a red inked mîm letter ( $\mathrm{\rho}$ ), which already indicates a repetition, at the end of div. 107 above $\%$.

Pitch Set


## Notes on Transcription

4.3
5.3
6.2
9.2
11.3
18.3


See note on 4.3. TR-Iütae 108: ${ }^{n}$
 Iüne 211-9: 等; TR-Iütae 108: "
 Iüne 211-9:
See note on 4.3. TR-Iütae 108: ${ }^{\prime}$
 211-9:
 Iüne 211-9:
 Iüne 211-9: \#̃\%.
 9:
M M for 211-9:
See note on 16.2. (The division is missing in TR-Iüne 205-3).
 3).

See note on 16.2. (The division is missing in TR-Iüne 205-3).
See note on 16.2.



隹 for
See note on 28.2.
See note on 28.2.
 9: Ans.

 See note on 28.2. See note on 28.2.

See note on 34.2.

$\ddot{\sim}$ for $\stackrel{\sim}{\sim}$. There are both dot and single stroke above the second pitch sign. TRIüne 205-3, TR-Iüne 213-11: ${ }_{*}^{\prime \prime}$; TR-Iüne 211-9: $\dot{\sim}$. In TR-Iüne 211-9, win superscript has been added later with red ink pen.
 $\approx$ for $\approx$. The phrases between divs. 46-47 appear again at divs. 71-72 in a similar way, but this time the pitch sign is recorded as $\boldsymbol{\xi}$. Also the consulted concordances feature $\boldsymbol{z}$.

See note on 41.1.
See note on 41.2.
See note on 28.2.


See note on 52.2.
See note on 28.2 (TR-Iüne 213-11 excluded).
See note on 28.2 (TR-Iüne 213-11 excluded).
See note on 49.2 (TR-Iüne 213-11 excluded).
See note on 39.2 (TR-Iüne 213-11 excluded).
See note on 41.1 (TR-Iüne 211-9: " ${ }_{\sim}^{*}$ ).

 $\ldots{ }_{\mu}$ for $_{\mu}$. All the consulted concordances feature ${ }_{\mu}$.







 See note on 28.2 (TR-Iüne 213-11 excluded). See note on 28.2 (TR-Iüne 213-11 excluded). See note on 34.2. (TR-Iüne 213-11 excluded).
 , Iüne 211-9 (2 $2^{\text {nd }}$ lay.):
95.4.2 There is a stroke-shaped marking or scratch with red ink below the pitch sign. It is unclear if this was done intentionally. Also on the left side of the page aligned with the staff line, there is a red ink drop stain that looks like a pair of dots.
97.1 See note on 79.3. Also there is a minimal marking in red ink above the second pitch sign. It is unclear if it was done intentionally.
105.3.2 Looks like $\underset{\sim}{\boldsymbol{\pi}}$ at first glance. The scribe probably realized his mistake while writing and altered it to $\tilde{\sim}$.
106
After the second group, an opening parenthesis is added in the transcription as an editorial decision. This was decided as the next division ends with a closing parentheses despite there being no opening parenthesis originally. It could therefore be claimed that the scribe forgot to write one. Also phrases between divs. 106.3-107 appeared as second endings with parentheses at divs. 97-98 before.
See note on 79.3 (TR-Iütae 108:
106.3 See note on 79.3 (TR-lûtae 108: 108.1 .nsurn).
 s̊; ; TR-Iüne 211-9 ( $2^{\text {nd }}$ lay.):
 9:
109.2 See note on 108.3.
110.2 See note on 79.3 (TR-Iütae 108: $\mathcal{S i n}_{\text {u }}$ ).



119.2 冬 for

123.2 See note on 117.2 (TR-Iütae 108: $\ddot{z}_{\sim}^{\prime \prime}$
124.4 fonfor forn. TR-Iüne 205-3, pp. 15-19:



## Consulted Concordances

TR-Iüne 205-3, pp. 15-19; TR-Iüne 211-9, pp. 24-7; TR-Iüne 213-11, pp. 33-5; TR-Iüne 21715b, pp. [6-11]; TR-Iütae 108, pp. 45-6.

# Beste-nigār Nu‘mān Aġa'nıñ devr-i kebīr 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 52, 1. 1 - p. 54, 1. 3

Beste-nigâr
Devr-i kebîr
Peşrev
Tanbûrî Nu'mân Ağa (d. after 1830)
Beste-nigār Nu'mān Aġa'nıñ ūṣūli devr-i kebīr; ḍarb 14
CMOi0040

## Remarks

Mîm (م) letter right next to the heading.
With this piece, a new section in the manuscript seems to begin regarding ink density and number of interventions belong to a later hand or hands. Also, the heading is centered at the top of the page for the first time.
For the teslîm of H1 (at the beginning of the div. 9), the scribe uses a different marking (hash sign).
Most of the additions and corrections in TR-Iüne 214-12, coincide with the original notation in TR-Iüne 205-3 and TR-Iüne 211-9. On the other hand, the original layer of TR-Iüne 214-12 is mostly similar to TR-Iütae 107.

## Structure

| H1 | $\mid$ | 2 | $\mid$ | $1(\mathrm{~T})$ | $\mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 2 | $\mid$ | $1(\mathrm{~T})$ | $: \mid$ |
| H3 | $\mid:$ | 3 | $: \mid$ |  |  |
| H4 | $\mid:$ | 2 | $\mid$ | $1(\mathrm{~T})$ | $: \mid$ |

Pitch Set


## Notes on Transcription






 ~N.


3.3.1 $\tilde{\mathcal{E}}$ was altered into $\mathfrak{A}$ by adding a double stroke over the pitch alteration sign (kisver), probably by a later hand. Because the kisver seems to be a scribal error, transcription is made as $\mathcal{A}$. All the consulted concordances feature $\mathcal{\beta}$.
3.4.1 An erroneously written , was altered to $\boldsymbol{\sim}$ by overwriting. It is not clear if the correction was done by the scribe or a later hand. Transcribed as $\boldsymbol{\sim}$. All the consulted concordances feature


 Iüne 205-3, TR-Iüne 211-9: 107:


 107:
. . There is a scratch behind/over, . It might have been done by a later hand in order to transform , into an eighth note rest ( ${ }^{n}$ ). Transcribed as
 487-8; TR-Iütae 107: صرتئر :

 TR-Iütae 107:



7.4 Orig. 1: .


 ~~N



9.4-10.2 Orig.



 "~" ; TR-Iütae 107:




 addition made by a later hand has been ignored in the transcription. None of the consulted concordances have this variation.
. An alternative group is written above the original group as . This addition made by a later hand has been ignored in the transcription. None of the consulted concordances have this variation.
 9; TR-Iütae 249, pp. 487-8:







$21.2 \quad \sim \sim \sim$ ．The first pitch sign of the group seems to have been written in superscript． This is most likely due to a scribal error or space problem．Since the group is a part of the teslîm，the transcription is made as＂＂～ょ based on H1． The scribe omitted the closing parentheses for the first ending of H 2 ．

 mis．

路。

 Iütae 107：تمبريه，
29．4 Orig． Iüne 203－1：： 487－8：
Orig．

$31.4 \quad \dot{\sim}$ ．An alternative group（with a tie to the next group）is written above the original group as ${ }^{\prime}$ and the original group is transcribed as $\dot{\sim}$ ．None of the consulted concordances have this variation．
32．3 Orig．
 －

 Iütae 107：
 the third pitch sign（ $\mu$ ）．It is not possible to determine what it was since it is scribbled．TR－Iüne 203－1：مُر：；TR－Iüne 205－3，TR－Iüne 211－9： 249，pp．487－8：：


37.1
 211-9: 㐿


37.4 Orig. $\tilde{\sim}^{*} ; 2^{\text {nd }}$ lay. $\sim$. The axis sign above the first pitch sign seems to have been scratched out by a later hand. Transcribed as ~~". TR-Iüne 203-1: ~~~w; TR-Iüne 205-3, TR-Iüne 211-9: ~w; TR-Iütae 249, pp. 487-8: ~w; TR-Iütae 107: ~~。
 regarding the group's total durational value. Later hand additions are similar with the original notation in TR-Iüne 205-3 and TR-Iüne 211-9. Transcribed as
 TR-Iütae 107: ثـ


 the group's total durational value. Later hand additions coincide with the original notation in TR-Iüne 205-3 and TR-Iüne 211-9. Transcribed as " . . TR-
 8: صه ; TR-Iütae 107: ص .
45.2 A most likely wrongly placed division sign at the end of the group was cancelled by the scribe with a vertical stroke in red ink.
 TR-Iüne 205-3, TR-Iüne 211-9: Iütae 107: ع




47.3-4 Orig. . 211-9: "~"~
 mistakenly placed dot which makes the pitch sign seem like $\xi$. Transcribed as ^ based on the concordances. TR-Iüne 203-1: ~~w~; TR-Iüne 205-3: "~~~~; TR-





``` ~"
```

 9:
 the original notation in TR-Iüne 205-3 and TR-Iüne 211-9: $\mathfrak{2}^{n} n \sim \approx$.

## Consulted Concordances

TR-Iüne 203-1, p. 9; TR-Iüne 205-3, pp. 91-3; TR-Iüne 211-9, pp. 171-3; TR-Iütae 107, pp. 128-30; TR-Iütae 249, pp. 487-8; TR-Iütae 249, p. 515.

# 'Irāk Zekī Aġa'nıñ ūṣūli devr-i kebīr 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 54, 1. 4 - p. 56, 1. 9

Irâk
Devr-i kebîr
Peşrev
Zekî Mehmed Ağa (1776-1846)
'Irāk Zekī'niñ ūṣūli devr-i kebīr; ḍarb 14
CMOi0341

## Remarks

Mîm (م) letter below the heading.
Later hand additions and corrections mostly coincide with the original notation in TR-Iüne 205-3 and TR-Iüne 211-9.
While the piece is attributed to Zekî Mehmed Ağa in majority of the consulted concordances; in TR-Istek [1], it is attributed to Hampartsum Limonciyan (1768-1839).

## Structure

| H1 | $\mid:$ | 3 | $\mid$ | $1(\mathrm{~T})$ |
| :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 3 | $\mid$ | $1(\mathrm{~T})$ |
| H2 | $:$ |  |  |  |
| H3 | $\mid:$ | 3 | $\mid$ | $1(\mathrm{~T})$ |
| H4 | $:$ |  |  |  |
| H4 | $\mid:$ | 3 | $\mid$ | $1(\mathrm{~T})$ |
|  | $: \mid$ |  |  |  |

## Pitch Set



## Notes on Transcription

3.2
 Iüne 211-9: :
4.2


 ルコン．




8.2 Orig． $\boldsymbol{\mu}_{\boldsymbol{\mu} \mu}$ ．Above the second pitch sign， $\boldsymbol{\sim}$ was added with duration symbols， probably by a later hand．Therefore，the $2^{\text {nd }}$ lay．appears to be：$, \ldots, \mu$ ．Since the original group is assumed to be a scribal error，the transcription is made as
 107：



 TR－Iütae 249，pp．2097－8：ㄹ́́；TR－Iütae 107：Áw．


16．1 After the group，there is a pair of dots in red ink which seem like a wrong placed div．sign．It might also be an ink blot．
18.3
＊

$20.2 \quad$ Orig．$\downarrow \downarrow$ ．The first pitch sign $\downarrow$ was altered to $\boldsymbol{\sim}$ ．It is not clear if it was done by the scribe or a later hand．Therefore，the $2^{\text {nd }}$ lay．appears to be：$\hat{\imath v}$ ．Transcribed
 107：：．TR－Iütae 249，pp．2105－6：is ．


Orig．．The first two pitch signs were scratched out，probably by a later


Orig． 211－9：


27.3
28.3
29.2
31.2
44.2.4 $\approx$ for $\omega$. TR-Iüne 205-3; TR-Iüne 211-9; TR-Iütae 249, pp. 2105-6: ; TR-Iütae 107: $\boldsymbol{\omega}$.
45.3 Orig. . The first pitch sign was scratched out and moved along to above $\downarrow$ by a later hand. In this regard, the $2^{\text {nd }}$ lay. appears to be: $\boldsymbol{\nu}_{\mu}$. Since the original group seems like a scribal error, based on concordances it is transcribed as
 107: ~~



 107: /
52.3
 Iütae 107: 今ッ~ .
 Iütae 107:
53.3 Orig. $\sim w^{\prime}$. The group has been scratched out and an alternative group subsequently written above as $\sim \mathcal{\sim} \sim$, possibly by a later hand. Transcribed as
 TR-Iütae 107: ~
54.4.3 $\sim$. The pitch sign intersects with a division sign next to it, probably because the scribe forgot to place it at first.
56.2.4 . There is a red ink dot behind the pitch sign. The scribe probably attempted to place the division sign mistakenly at first.
 " "
58.1





## Consulted Concordances

TR-Iam 1537, pp. 21-4; TR-Iboa 355, img. 223-6; TR-Iboa 374, fols. 98r-99r; TR-Iüne 203-1, p. 12; TR-Iüne 205-3, pp. 60-63; TR-Iüne 211-9, pp. 212-16; TR-Iütae 107, pp. 104-6; TRIütae 108, pp. 163-4; TR-Iütae 249, pp. 873-4.

# Ṣabā 'Ossmān Beğ'iñ̃ ūṣūli devr-i kebīr 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 57, 1. 1 - p. 59, 1. 3

Sabâ
Devr-i kebîr
Peşrev
Büyük Osmân Bey (1816-1885)
Ṣabā 'Ossmān Beğ'iñ ūṣūli devr-i kebīr; ḍarb 14
CMOi0287

## Remarks

Later hand additions and corrections mostly coincide with the notation in TR-Iüne 217-15a (only the first two hânes, because other hânes are missing in TR-Iüne 217-15a) while the original layer is similar to TR-Iütae 107.

## Structure

| H1 | $\mid$ | 3 | $\mid$ | $1(\mathrm{~T})$ | $\mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid$ | 3 | $\mid$ | $1(\mathrm{~T})$ | $\mid$ |
| H3 | $\mid$ | 3 | $\mid$ | $1(\mathrm{~T})$ | $\mid$ |
| H4 | $\mid$ | 3 | $\mid$ | $1(\mathrm{~T})$ | $\mid$ |

## Pitch Set



## Notes on Transcription

1.4




 by another hand. But regarding the similar structure at divs. 11.4-12, it could be claimed that the scribe forgot to include the pitch sign. In this regard, the




 TR-Iütae 249: میر; TR-Iütae 108: ~



Orig.



 217-15a, TR-Iütae 108, TR-Iütae 249: $\mathfrak{\sim} \boldsymbol{\sim}$; TR-Iütae 107: ~\&
Orig.

15.3 After the group, a div. sign was added by a later hand. The original div. sign at the end of div. is also scratched out. Since these interventions do not provide the correct time value, the transcription is made based on the original layer.


After the div., two (first and second) alternative endings were added as ( ${ }_{\sim}^{n \prime \prime}$; $\because)\left(\hat{\sim}_{n}^{\prime \prime}: \dot{\sim}\right)$, probably by a later hand. These additions are very similar with the endings in TR-Iüne 217-15a.












29.2.2 $\quad \boldsymbol{\sim}$. Below the pitch sign, there is a stroke shaped marking which looks like an octave symbol. But, since the group is s part of teslîm, it appeared as $\tilde{\sim}$ before. Also considering the melodic line, the marking is possibly caused by a scribal error and is ignored in the transcription.
29.3 After the group, two (first and second) alternative endings as ( $\sim \neq \sim$ ) ( $\star$ ) have been added to be considered as the endings of the teslîm, probably added by a later hand. These additions are very similar with the endings in TRIüne 217-15a.



32.1.1 Mistakenly written as w, it was altered to $s$, probably by the scribe. Transcribed as $\underset{\sim}{ }$. All consulted concordances (except TR-Iüne 217-15a, because only the first two hânes are available) feature $\mathcal{s}$.


36.2
39.4
 Iütae 249: ثر .




Orig. $\dot{\sim}$; $2^{\text {nd }}$ lay. 1 erroneously written as $\boldsymbol{\sim}$. In the transcription it is considered as $\mu$ based on the concordances. TR-Iüne 217-15a: " , \% ; ; TR-Iütae 107: "
Orig. $\approx$ : hand seems likely following consultation of the concordances. TR-Iüne 217-



42.1
 if it was done by the scribe or a later hand. Transcribed as, صرָּر: .TR-Iütae 107
 .

 Orig. is written above. In this regard, 3rd lay. appears to be: :"شر: . Transcribed as


See note on 44.2.
 is written above. In this regard, 3rd lay. appears to be: \% Aranscribed as (

Orig. $\dot{\sim} ; 2^{\text {nd }}$ lay. $\approx=$ "N $\dot{\sim}$. The transcription is made based on the original layer.

 108:






52.1 ~~~There is a blurred ink blot over the group. It seems like an attempt was made to erase the original group and there is an alternative group recorded left



 sign is transcribed as based on the concordances. TR-Iütae 107, TR-Iütae 108, TR-Iütae 249: ^.
 TR-Iütae 108: ${ }^{\circ} \mathrm{m}$.
53.2 . . There is a blurred ink blot over the group. It seems like an attempt was made to erase the original group and there is an alternative group recorded



55.1

After the group, two (first and second) alternative endings as ( $\sim \dot{*}$ ) ( $i=\sim$ $\because[$ )] were added to be considered as the endings of the teslîm, probably by a later hand.

## Consulted Concordances

TR-Iüne 217-15a, pp. 11-12; TR-Iütae 107, pp. 304-5; TR-Iütae 108, pp. 13-14; TR-Iütae 249, pp. 1841-2.

## Rehāvī semāc̄̄

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 59, 1. 4 - p. 61, 1. 2

Rehâvî
Aksak semâî
Saz semâîsi
-
Rehāvī semā‘̄̄
CMOi0205

## Remarks

Mîm (م) letter below the heading.
Later hand additions and corrections in this piece, mostly coincide with the notation in TRIüne 211-9; while the original layer is very similar to TR-Iütae 107 (e.g. see note on 44.2). Accordingly, without the additions and deletions (which are deducible from ink color, blots and font size) made by a later hand, the similarity between TR-Iüne 214-12 and TR-Iütae 107 is more obvious (i.e. see notes on $5.2,5.4,6.2,10.4,23.4 .1,24.4,38.4$ ).
The piece is attributed to Mehmed Rıza Dede in TR-Iütae 249, pp. 1349-50.

## Structure

| H1 | $\mid$ | 8 | $\mid$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| H2 | $\mid$ | 16 | $\mid$ |  |  |
| H3 | $\mid:$ | $10^{*}$ | $: \mid$ | 2 | $\mid$ |
| H4 | $\mid:$ | 4 | $: \mid:$ | $2^{*}$ | $: \mid$ |
| H |  |  |  |  |  |

*sengin semâî

## Pitch Set



## Notes on Transcription

2.2

Orig. after the first pitch sign and it is deducible from the blurry ink blot, as is the
case in TR-Iütae 107 also. It may have been erased later. Since it could also have been erased by the scribe, the transcription is made as 9:

18.2
18.3


See note on 2.4. TR-Iütae 107, TR-Iütae 249: $\cdots \dot{\xi}$.


 : $\boldsymbol{\sim}$; TR-Iütae 249, p. 1367:
 : TR-Iütae 249, p. 1367:
 Iütae 249, p. 1349-50: *. TR-Iütae 249, p. 1359-60: ©‘; TR-Iütae 249, p. 1367: $\dot{\sim}$.
 Iütae 249, p. 1349-50: : TR-Iütae 249, p. 1367:
 107: 今~~'; TR-Iütae 249, p. 1349-50: ي~~.
 mistakenly written as $\uparrow$ at first, then altered to $\approx$, probably by the scribe. TR-
 Orig. $\sim ; 2^{\text {nd }}$ lay. $\sim \&$. Transcribed as $\sim \dot{\sim}$. Because the group appeared before as part of the same repetitive structure at div. 14.3 as $\sim \mathcal{F}$, the addition seems convenient. TR-Iüne 211-9: $\sim$. TR-Iütae 107: $\mathfrak{\sim}$; TR-Iütae 249, p. 1349-50: $\sim$
 to have been erased by a later hand, but are still recognizable from an ink blot. See note on 10.4 (TR-Iütae 249, p. 1367 is excluded).
 Iütae 249, p. 1349-50:~.

Orig. ת ; ; TR-Iütae 249, p. 1349-50: .
 TR-Iütae 249, p. 1349-50: $\stackrel{\sim}{\sim}$.
25.2 . of the same repetitive structure, with a stroke symbol above the second pitch






There is a scribbled pitch sign or marking at the beginning of the division. $\ldots{ }_{\mu}$ for $_{\boldsymbol{\mu}}$. All the consulted concordances (except TR-Iütae 249, p. 1367, because only the first hâne is available) feature $\tilde{\mathcal{A}}$. A blurry ink stain behind the group shows that the former group was erased and subsequently rewritten/changed as a"ñow. TR-Iüne 211-9; TR-Iütae 249, p.

Orig. $\dot{\sim}$; $2^{\text {nd }}$ lay. $\dot{\sim}$. Transcribed as $\underset{\sim}{\sim}$. TR-Iüne 211-9; TR-Iütae 249, pp. 135960: $\dot{\sim}$. TR-Iütae 107: $\dot{\sim}$; TR-Iütae 249, p. 1349-50: $\sim$.
 60: 访 . TR-Iütae 107: $\dot{\sim}$; TR-Iütae 249, p. 1349-50: $\omega$.
 60: 䑣. TR-Iütae 107: $\dot{\sim}$; TR-Iütae 249, p. 1349-50: $\omega$.
See note on 38.4.
See note on 35 .
The sign above the group probably functions as a legato, since there is no pitch sign to tie in either the previous or subsequent group.
 .
There is an opening parenthesis in black ink at the beginning of the division, although there is no closing parenthesis. Since this addition of a later hand probably functions as a separating line to show the transition between usûls (from sengîn to aksak semâî), it is not shown in the transcription.

 All the consulted concordances except TR-Iütae 107, are consistent within themselves. The group appeared before as a different structure ( $\mathrm{f} \sim \mathrm{w}$ ) also in TR-Iütae 107 as is the case in TR-Iüne 214-12, although it is part of the same repetitive structure.
44.3 See note on 36.3.

## Consulted Concordances

TR-Iüne 211-9, pp. 158-9; TR-Iütae 107, pp. 92-3; TR-Iütae 249, pp. 1349-50; TR-Iütae 249, pp. 1359-60; TR-Iütae 249, p. 1367.

# Segāh māye İsak'ıñ ūṣūli faḩte 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 61, 1. 3 - p. 63, 1.7

Segâh mâye
Fâhte
Peşrev
Tanbûrî İsak (d.after 1807)
Segāh māye İsak ūṣūli fāḩte
CMOi0231

## Remarks

Mîm letter above the heading.
It looks like someone vertically scratched out the pages from the beginning until the last line, probably to cancel the notation, though it does not affect the legibility.
An axis sign ( $\kappa$ ) is placed above the last pitch sign within a group for the the first time in the original layer of the manuscript (i.e. div. 5.4).
At the end of the usûl cycles, the scribe uses both type of division signs ( $\%$ and ::) randomly (See divs. 28 and 67).
Later hand additions and corrections mostly coincide with the notation in TR-Iüne 205 and TR-Iüne 211-9. Also there is some evidence suggesting a relationship between TR-Iüne 205, TR-Iüne 211-9 and TR-Iüne 214-12 (See notes on 13.1, 15.2, 33.4 and 63.1).
In TR-Iütae 108, the usûl is indicated as Zencîr. The makâm is also indicated as Mâye in TRIütae 249 sources.

## Structure

| H1 | $\mid:$ | 6 | $: \mid$ |
| :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 6 | $: \mid$ |
| H3 | $\mid:$ | 6 | $: \mid$ |
| H4 | $\mid$ | 6 | $\mid$ |

Pitch Set


## Notes on Transcription

 Iütae 108: $\omega_{\rho} \ldots$.
 original group by another hand, since its shape and ink tone are slightly different and it is placed inside the page margin. Transcribed as $\stackrel{\sim}{n} \underset{\sim}{*}$. TR-Iüne

5.3 Orig.
 \&



6.2 Orig. is no pitch sign to tie in either the previous or subsequent group.

。

 107: 10,

 9 (2 $2^{\text {nd }}$ lay.): 0 ; TR-Iütae 107:
 to the original group by another hand, since the shapes of the pitch signs and ink tone are slightly different and they are placed inside the page margin.

 ""w' ; TR-Iütae 107: n~~. In both TR-Iüne 205-3 and TR-Iüne 211-9, there are doubled curved lines above the first pitch signs. Since it is an unusual sign for the Hampartsum notation, this may indicate a relationship between these two manuscripts regarding this particular piece.
sign above it（div．35．4．1）．TR－Iüne 205－3，TR－Iüne 211－9：气～＂；；TR－Iütae 107：人。
 107：Mon
s～．Above the pitch sign，there is a marking that looks like segâh（ $\quad \omega$ ）at first glance．Also in TR－Iütae 107，there is a similar marking above the same pitch sign and probably functions as tremolo．It could also be a later－scribbled dot （half note sign）．However，since the group repeats as $\varsigma_{\sim}$ at div． 36.4 as a part of the same passage，it is transcribed as s～＂～．TR－Iüne 205－3：s～～～；TR－Iüne 211－9： s～～；TR－Iütae 107：s～
 The closing parenthesis of the second ending was probably added by a later hand since it is in black ink while the other parentheses are in red．


Orig．．Above the first pitch sign，there is a mark which appears to be erroneously written $\uparrow$ which was subsequently altered to $\approx$ ，probably by a later
 For forfor TR－Iüne 205－3，TR－Iüne 211－9：TR－Iütae 107：
 Orig． $\boldsymbol{N}_{\boldsymbol{\prime}}$ ．The group is scratched out and a new alternative（
 Ans．



 pitches（ $n$ ）are probably for substitution purposes．Transcribed as ${ }_{\text {．}}^{\text {．TR－}}$ ． Iüne 205－3，TR－Iüne 211－9（ $1^{\text {st }}$ lay．），TR－Iütae 107： 2 ： ；TR－Iüne 211－9（2 ${ }^{\text {nd }}$

 107：$n$ ．
Orig．$\cdots \cdots{ }^{\circ}$. A later hand addition of＂$w$ ．below the group is probably to substitute it with＂ Iütae 107：$\cdots$ sign．
 Iüne 205-3 and TR-Iüne 211-9, there are doubled curved lines above the first pitch signs. Since it is an unusual sign for Hampartsum notation, this may indicate a relationship between these two manuscripts regarding this particular piece.
34.2 Orig. $n^{\text {n }}$; $2^{\text {nd }}$ lay. . The group as a part of the same passage, appeared


36.2-3
37.2

See note on 17.2-3.

Scribe omit. the div. sign.


Orig. 9: ${ }^{\text {: }}$ 。
~n.w. The groups are scratched out and the new alternatives (
 TR-Iütae 107:
3.3 There is an ink blot or scribbled marking above the pitch sign.
 Iütae 107:
.
, for An
$\approx \approx$ for
 Orig. An ; $2^{\text {nd }}$ lay. . . The first pitch sign in the orig. lay. is scratched out and $\mu$ is added to the end of the group, probably by a later hand. Transcribed

Orig. . $_{\text {; }}$; $2^{\text {nd }}$ lay. ${ }^{\text {. }}$. The first pitch sign in the orig. lay. seems to have been scratched out by a later hand. Transcribed as . صبیريّ. TR-Iüne 205-3, TRIüne 211-9:


See note on 38.1.
.uncon . The first pitch signs have been scratched out, probably by a later
 205-3, TR-Iüne 211-9: $\mathfrak{\text { ºos ; } ; ~ T R - I u ̈ t a e ~ 1 0 7 : ~}$
 duration signs in both TR-Iüne 205-3 and TR-Iüne 211-9, do not provide the correct time value for the groups. These specific and identical scribal errors may indicate that one of the manuscripts might have copied from the other or that there is some common source between these two manuscripts.
63.3 , for

70.3.4 Obscured by the binding but still regonizable as $\omega$.
70.4.2 Red ink blot above the pitch sign.
$72.1 \quad \tilde{\tau}_{\omega}$. Above the second pitch sign, there is a pair of dots one on top of another. As a duration sign it is unusual for Hampartsum notation, since the dots would be expected to be placed next to eachother for the whole note sign. On the other hand, it is possible that the scribe meant a dotted axis but forgot to add its final stroke while drawing. Transcribed as $\underset{\sim}{2}$ in. TR-Iüne 205-3, TR-Iüne 211-



76.2 See note on 56.2.
$76.3 \quad$ See note on 38.1.

## Consulted Concordances

TR-Iüne 205-3, pp. 79-81; TR-Iüne 211-9, pp. 162-4; TR-Iütae 107, pp. 171-2; TR-Iütae 108, pp. 19-20.

## Yegāh semācī Ṣāliḥ Efendi'niñ

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 63, 1. 8 - p. 64, 1. 9

Yegâh
Aksak semâî
Peşrev
Neyzen Sâlih Dede (d. ca. 1885)
-
CMOi0502

## Structure

| H1 | $\mid:$ | 4 | $: \mid:$ | $4(\mathrm{~T})$ | $: \mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid$ | 4 | $\mid:$ | $4(\mathrm{~T})$ | $: \mid$ |
| H3 | $\mid:$ | 4 | $: \mid:$ | $4(\mathrm{~T})$ | $: \mid$ |
| H4 | $\mid:$ | 4 | $: \mid:$ | $4(\mathrm{~T})$ | $: \mid$ |

It is assumed that the teslîm sections of $\mathrm{H} 2, \mathrm{H} 3$ and H 4 are repeated on the basis of the Arabic mîm letter at the end of H1's teslîm.

## Pitch Set



## Notes on Transcription

 Iütae 249: ثمثر.
 Iütae 249: ص. .
8.2 . . It seems that the scribe mistakenly wrote


 Iütae 107, TR-Iütae 249 :


10.3 ء for Iütae 249:
11.2.1 The scribe attempted to notate ${ }_{\mu}$ first, then subsequently altered it to
 249:
 249:
17.2.3 The scribe attempted to notate $\mu$ first, then subsequently altered it to $\mu$.
 Iütae 249: 今~W~ .
 Iütae 249: w w .
22.3
 ~

## Consulted Concordances

TR-Iüne 204-2, p. 47; TR-Iütae 107, p. 297; TR-Iütae 109, p. 26; TR-Iütae 249, p. 3007.

## Ṣabā semācī

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 65, 1. 1 - p. 67, 1. 3

Sabâ
Aksak semâî
Gaz semâîsi
—
Ṣabā semā‘̄̄
CMOi0279

## Remarks

Mîm (م) letter below the heading.
Later hand additions and corrections mostly coincide with the notation in TR-Iüne 211-9 and TR-Iüne 205-3; while the original layer is similar to TR-Iütae 107 (i.e. see notes on $2.4,15.3$ ). Accordingly, without the additions (which are deducible from the ink color and placement) made by a later hand, the similarity between TR-Iüne 214-12 and TR-Iütae 107 is more obvious.

The piece is attributed to Papas in TR-Iütae 249, p. 1795.

## Structure

| H1 | $\mid:$ | 8 | $: \mid$ |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 8 | $: \mid$ |  |  |  |  |
| H3 | $\mid:$ | 2 | $: \mid:$ | 6 | $: \mid:$ | 10 | $: \mid$ |
| H4* | $\mid:$ | 8 | $: \mid:$ | 8 | $: \mid$ |  |  |

*sengin semâî

## Pitch Set



## Notes on Transcription

 109: 就; TR-Iütae 249, p. 1805:.

From the blurry ink blot, it is deducible that the former group has been erased and rewritten/changed as an . Maybe there was a stroke at base level next to the second pitch sign because the group appears again as a part of the same repetitive structure at div. 5.4 as rinnu.
The rest sign (,) at the end is ignored in the transcription since it has been added by a later hand. This is also valid for many other divs: 4.4, 6.4, 8.4, 9.4, $10.4,13.4,14.4,18.4,20.4,22.4,24.4,26.4,31.4,36.4,37.4$. Without these additions of a later hand, the original layer is similar to TR-Iütae 107.




See note on 1.3.


See note on 5.4 (TR-Iütae 249, p. 1805 is excluded).
See note on 3.2.
$\dot{\sim}$. This appeared before with a stroke next to it ( $\dot{\mathrm{w}}$ ) as a part of the same repetitive structure at div. 11.2. Since the same case is valid only for TR-Iütae 107 among the concordances, this might indicate a connection between TRIüne 214-12 and TR-Iütae 107.

See note on 5.4.
 ’'~



 See note on 20.2.


The stroke at base level next to the pitch sign is added with red ink pen and indicates another later hand.
 TR-Iütae 107: 今,
See note on 3.2. (TR-Iütae 107 and TR-Iütae 249, p. 1805 are excluded.) See note on 28.1.
33.2 The stroke at base level next to the first pitch sign is added with red ink pen and indicates another later hand.
33.3.2 The scribe mistakenly attempted to write another pitch sign first, then altered it to $\sim$.
33.4 See note on 28.4.
34.2 The stroke at base level next to the second pitch sign is added with red ink pen and indicates another later hand.

## Consulted Concordances

TR-Iüne 205-3, pp. [407-409]; TR-Iüne 211-9, pp. 143-5; TR-Iütae 107, pp. 305-6; TR-Iütae 109, pp. 102-3; TR-Iütae 249, p. 1795; TR-Iütae 249, p. 1805.

# Yegāh Ṣāliḥ Efendi'niñ sakīl 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 67, 1. 4 - p. 69, 1. 5

Yegâh
Sakîl
Peşrev
Neyzen Sâlih Dede (d. ca. 1885)
-
CMOi0503

## Remarks

This piece is very similar to versions recorded in TR-Iütae 107 and TR-Iam 1537. For example, H4's teslîm has some minor differences compared to other hâne's. The same feature is seen only in TR-Iütae 107 and TR-Iam 1537 among the consulted concordances. Furthermore, there are even some identical scribal errors which may indicate a common source (e.g. see notes on divs. 12, 13.1, 17.4.2, 39.2.1).

## Structure

| H1 | $\mid:$ | $1 / \mathrm{T}$ | $: \mid$ |
| :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | $1 / \mathrm{T}$ | $: \mid$ |
| H3 | $\mid:$ | $1 / \mathrm{T}$ | $: \mid$ |
| H4 | $\mid:$ | $1 / \mathrm{T}$ | $: \mid$ |

Pitch Set


## Notes on Transcription



10.2 . 3011; TR-Iütae 249, pp. 3005-6: $\boldsymbol{\sim}$ 。 .
 3005-6: ~ی~w~s . TR-Iütae 249, p. 3011: ~~~~N~s .

12
12.1
13.1
17.4.2 $\quad$ for $\boldsymbol{\sim}$. All the consulted concordances except TR-Iam 1537, feature $\boldsymbol{\sim}$. Since this scribal error features identically in only TR-Iam 1537, it could be claimed that there is some common source between these two manuscripts or that one was copied from the other.
 TR-Iütae 249, pp. 3005-6: .
See note on 8.3.
Since the scribe only gives two groups in parentheses next to the asterisk, it is deducible that he uses a special ending technique for the indicated teslîm and these groups stand as part of a second ending. On the other hand, for H1's teslîm there is no special ending technique used and the whole division of the second ending is given in parentheses. In this regard, for transcription, the editor decided to add the endings of the indicated teslîm given in brackets according to this ending technique.
 .
 Iütae 249, pp. 3005-6: s.maz.

The scribe omitted the asterisk sign which indicates the teslîm. For further details about the endings, see note on 22.
The scribe omitted parentheses for the first ending. The same phenomenon is also noted in TR-Iütae 107.
 p. 3011:
 Iütae 249, pp. 3005-6: :
~\&~W~: for 3011: ~\&~w~\& . TR-Iütae 249, pp. 3005-6: ~\&~N~\& .
39.2.1 $\quad$ for $\begin{aligned} \text {. The pitch sign as part of a similar structure in a higher octave, appeared }\end{aligned}$ as $\boldsymbol{\sim}$ before at div. 30.2.1. Since this scribal error is available identically in only TR-Iam 1537, it might be claimed that there is some common source between these two manuscripts or that one was copied from the other. TR-Iam 1537: ш. TR-Iüne 204-2; TR-Iütae 249, p. 3011: \#. TR-Iütae 107: „. TR-Iütae 249, pp. 3005-6: . .

 10.4. TR-Iütae 107: $\mu$ ح .
 (without the stroke at base level) before at div. 11.2. TR-Iütae 107: $\sim \mathcal{\sim} \sim w \sim \mathcal{F}$. See note on 12.

## Consulted Concordances

TR-Iam 1537, pp. 12-3; TR-Iüne 204-2, pp. 46-7; TR-Iütae 107, pp. 296-7; TR-Iütae 249, pp. 3005-6; TR-Iütae 249, p. 3011.

# Ḥüseynī devi İsmā‘īl Dede'niñ 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 69, 1. 6 - p. 71, 1.6

Hüseynî
Devr-i kebîr
Peşrev
İsmâîl Dede Efendi (1778-1846)
Ḥüseynī İsmā‘̄̄l Deden'niñ devr-i kebīr; ḍarb 14
CMOi0557

## Remarks

The only concordance could be found for this piece is TR-Iboa 355 which appears to feature the identical version of the piece. Therefore, this piece might be considered unique and important for the Turkish makâm corpus.

## Structure



## Pitch Set



## Notes on Transcription

1.2.2 $\quad$ was corrected to $\ldots$ probably by the scribe.



3.1 . 3 An alternative group as




8.1 See note on 4.1.
 third pitch sign is scratched out. TR-Iboa 355 :
 a later hand. TR-Iboa 355: Ar .
$12.1 \quad$ See note on 4.1.
 is written next to it. Transcribed as $\underset{\sim}{i}$,
 targeted position within a group because there was not enough space. The editor assumes that these pitch signs were added by another hand since a similar structure appeared before at div. 9.1-2 without these additions.


$\dot{\mathcal{s}}$. The rest sign at the end seems to have been scratched out by a later hand. Transcribed as $\dot{\sim}$ s . TR-Iboa 355: $\dot{\boldsymbol{s} s}$.
19.4 Orig. $\cos$. The group is scratched out and a later hand. TR-Iboa 355: صن .
21.2-4 Orig.

34.4 . for . As a part of the teslîm, it appeared before as . ص. 2 .

 second pitch, probably added by a later hand. Transcribed as ${ }_{\wedge}$
44.1 A
 second pitch, probably added by a later hand. Transcribed as ${ }_{\wedge}^{\wedge n}$,
48.1 See note on 44.1.

## Consulted Concordances

TR-Iboa 355, img. 263-4.

## Iṣfahān semā ${ }^{c} \overline{1}$

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 71, 1. 7 - p. 74, 1. 4

Isfahân
Aksak semâî
Saz semâîsi
-
Iṣfahān semā‘ī
CMOi0004

## Remarks

The scribe uses both type of division signs ( $\%$ and ::) randomly.
The piece is attributed to Kemânî Hızır Ağa (d. after 1794) in TR-Iüne 203. In TR-Iütae 108, the heading states that it might also be attributed to Kantemiroğlu (1673-1723).
There are many interventions of a later hand in the first 17 divisions of H 4 (divs. 43-59). Since this points to another variant, it was also necessary to transcribe this second version which is very similar to one in TR-Iüne 211-9 (see below for the melodic line of the alternative $\mathrm{H} 4)$. But regarding the original layer, all H 4 s in the consulted concordances are different versions of each other.

## Structure

| H1 | $\mid:$ | 4 | $: \mid:$ | 3 | $: \mid$ |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| H2 | $\mid:$ | $4[\mathrm{M}]$ | $: \mid:$ | $7[\mathrm{~T}]$ | $: \mid:$ | $9[\mathrm{~T}]$ | $: \mid$ |  |  |
| H3 | $\mid:$ | 10 | $: \mid:$ | 4 | $: \mid$ |  |  |  |  |
| H4* | $\mid:$ | 10 | $: \mid:$ | 7 | $: \mid:$ | 6 | $: \mid:$ | 7 | $: \mid$ |
| H2 | $\mid:$ | $4[\mathrm{M}]$ | $: \mid:$ | $7[\mathrm{~T}]$ | $: \mid:$ | $9[\mathrm{~T}]$ | $: \mid$ |  |  |
|  | *yürük semâ̂ |  |  |  |  |  |  |  |  |

It is assumed that the Arabic mîm letter at the end of divs. 4, 12, 19, 28, 3842,67 and 74 indicates a repetition.
It is not clear where the performance instruction (mülāzime teslīm) at the end (follwing H4) refers to, since there is no marking indicating any teslîm or mülâzime in the piece. In TR-Iütae 108, there is an instruction that states H 2 should be performed again follwing H4. In TR-Iboa 374, there are two markings (teslîm and mülâzime signs) denoting H 2 to be performed following H4. Accordingly, H2 starts as mülâzime and then leads to teslîm. In this regard,

H2 should be performed once again following H4, based on the performance instruction in TR-Iboa 374 and TR-Iütae 108.

## Pitch Set



## Notes on Transcription

1.2

Orig.

2.2 Orig.



4.4 The rest sign ( $\varsigma$ ) at the end is ignored in the transcription since it was probably added by later hand. The same approach is applied for many other divs: 7.4, 8.4, 19.4, 28.4, 38.4, 42.4. Also, in TR-Iütae 107 and TR-Iboa 374 there are no rest signs used for these divisions in most of the cases.
5 The division sign is not legible as it is scribbled with many small dots made with nib of the pen.
5.4 Orig. TR-Iüne 211-9, TR-Iütae 108:
9.4 Orig.

10.2 Orig.
 Orig. TR-Iüne 211-9: : Orig. $\sim \ldots$; $2^{\text {nd }}$ lay. $\underset{\sim}{\sim}$ Iboa 374: © suw; TR-Iüne 211-9, TR-Iütae 108: ~....
 .
 $\hat{\wedge}$; TR-Iütae 108: $\dot{\boldsymbol{\wedge}}$.
20.4
22.2




${ }_{\circ} \hat{\sim}$. The first pitch sign appears to be in superscript. It is probably because there was not enough space since it was added later by the scribe. Transcribed as


 107; TR-Iboa 374: ; ; TR-Iüne 211-9: : \% ; TR-Iütae 108:

 . Neither the original layer nor the $2^{\text {nd }}$ layer is clear regarding the duration
 Iboa 374: ص.



 for




 .

## Consulted Concordances

TR-Iüne 203-1, p. 12; TR-Iütae 107, pp. 97-8; TR-Iütae 108, pp. 89-90; TR-Iüne 211-9, pp. 227-30; TR-Iboa 374, pp. 122r-123r.

4[. Hâne]
Э6"



Figure 1: Alternative version of H 4 on $\mathrm{p} .73-4$.

# Gül-'izār semā̄̄̄ İsak'ıñ 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 74, 1. 5 - p. 76, 1. 1

Gülizâr
Aksak semâî
Saz semâîsi
Tanbûrî İsak (d. after 1807)
Gül-‘izār semā̄̄̄
CMOi0135

## Remarks

Behind some of the division signs (divs. 1, 7, $8,9,10,11$ ), there are multiple little dots. These may indicate that the scribe made markings to help space the signs before notating the whole piece.
The piece is indicated in makâm Baytâr Sabâ in TR-Iüne 203-1.

## Structure

| H1 | $\mid:$ | $9 / T$ | $: \mid$ |
| :---: | :---: | :---: | :---: |
| H2 | $\mid:$ | $12 / \mathrm{T}$ | $: \mid$ |
| H3 | $\mid:$ | $11 / \mathrm{T}$ | $: \mid$ |
| H4 | $\mid:$ | $11 / \mathrm{T}$ | $: \mid$ |

The last division of the teslîm is given in parentheses as if there is a second ending. Therefore, the parentheses are assumed to signalize a repetition.

## Pitch Set



## Notes on Transcription

2.2
", for

3.1-3
 .
4.1






11.2
12.4
13.3



See note on 11．2．
See note on 5．1．
See note on 9.1 （TR－Iütae 107：$\wedge_{\sim}^{\wedge}$ ）．
 ～～～。
 249：
隹


See note on 9.1 （TR－Iütae 107 is excluded）．
Red ink stain behind the pitch sign．


$\sim$ for $\sim$～



隹

29．1－3

解 $\mathfrak{A}$ for ＂
 ＂
See note on 5.1 （TR－Iütae 107： s $_{\text {s ）}}^{\text {）}}$
See note on 9．1．

## Consulted Concordances

TR-Iüne 203-1, p. 16b; TR-Iütae 107, p. 188; TR-Iütae 109, pp. 138-9; TR-Iütae 249, p. 2431.

## Segāh māye semā‘̄̄

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 76, 1. 2 - p. 77, 1. 9

Segâh mâye
Aksak semâî
Saz semâîsi
—
Segāh māye semā‘̄̄
CMOi0232

## Remarks

There are additions/corrections of a later hand(s) both in red and black ink.
The makâm is indicated as Mâye in TR-Iütae 107, TR-Iütae 249, p. 1529 and TR-Iütae 249, p. 2557.

The versions in TR-Iütae 107 and TR-Iütae 249, p. 2557 are very similar.
The piece is attributed to Tanbûrî İsak (d. after 1807) in TR-Iütae 249, p. 2557.

## Structure

| H1 | $\mid$ | 7 | $5(\mathrm{~T})$ | $\mid$ |
| :--- | :--- | :---: | :--- | :--- |
| H2 | $\mid$ | 6 | $\mid$ | $5(\mathrm{~T})$ |
| H3 | $\mid$ | 8 | $\mid$ | $5(\mathrm{~T})$ |
| H4 | $\mid$ | 12 | $5(\mathrm{~T})$ |  |

Pitch Set


## Notes on Transcription

1.2 Orig. 1 .
 Iütae 107; TR-Iütae 249, p. 2557: $\sin \boldsymbol{\sim}$ p. 1529: "



Orig. $\dot{*} ; 2^{\text {nd }}$ lay. $\dot{\omega}$. Since the rest sign seems to have been added by a later hand, the transcription is made according to the original layer. TR-Iütae 107; TR-Iütae 249, p. 2557; TR-Iütae 249, p. 1529: ※. TR-Iütae 108: ※́s.
4.2-3 Orig. . out and كی (

 been scratched out in red ink by a later hand and the group transformed into ís. Transcribed as 1529: $\sim \sim$. ${ }^{*}$. TR-Iütae 108: is .





8.4


 above in red ink by a later hand. Transcribed as "n . TR-Iütae 107; TR-Iütae 249, p. 2557. TR-Iütae 249, p. 1529: w~~ ; TR-Iütae 108: "nnaw.
10.1 Orig. $\hat{\boldsymbol{\beta}}$. The stroke at base level was erased due to aging or deleted by the scribe/later hand on purpose. Since it could also be the intention of the scribe, the group is transcribed as $\dot{\xi}$. TR-Iütae 107; TR-Iütae 249, p. 2557: $\dot{\beta}$; TRIütae 108: $\dot{\beta}$; TR-Iütae 249, p. 1529: $;$ s.


$10.3 \quad$ Orig. $\hat{\psi} ; 2^{\text {nd }}$ lay. $\approx w$. Transcribed as $\dot{\sim}$. TR-Iütae 107; TR-Iütae 249, p. 2557:

11.1

See note on 10.1.


16.2.3 $\sim$ for ${ }_{\rho}$. All the consulted concordances feature $\mu_{\rho}$.
 .
 s. TR-Iütae 108:
18.1 There is a slur sign above the group, probably functioning as a tie connected to the previous group.
 2557: $\sim$. TR-Iütae 108: ${ }_{\sim}^{*}$
21.3 . 2 . The second pitch sign seems to have been added later, its small size likely caused by lack of space. Due to the thin stroke above $\mu$ it is assumed that $ص$ vas added by the scribe later. If it was an addition of a later hand other than the scribe, there wouldn't be a thin stroke (which is usually available in the original layer) since . $\quad$ wouldn't indicate the correct durational value according to the scribe's practices. Transcribed as " TR-Iütae 249, p. 1529: , .
22.3 Orig.

23.4




 Iütae 108：$\stackrel{\circ}{\stackrel{\circ}{\text { AN }} \text { ．}}$
 have been scratched out by a later hand．TR－Iütae 107；TR－Iütae 249，p．2557； TR－Iütae 249，p．1529：$\stackrel{\sim}{*}+$ ．TR－Iütae 108：$\dot{\sim}$ ．
32.2 Orig．．Transcribed as ．The first two pitch signs in superscript are rewritten at base level，probably by a later hand．TR－Iütae 107；TR－Iütae 249，

32.4
33.2 See note on 18．1． See note on 18．1． See note on 18.4 （TR－Iütae 249，p．1529：${ }_{\sim}^{\sim} \sim$ ；TR－Iütae 108：$\left.\dot{\sim} / s\right)$ ．
 $\therefore$ ．TR－Iütae 108：会；TR－Iütae 249，p．1529：
 2557；TR－Iütae 249，p．1529： ． for for There is a slur sign above the group，probably functioning as a tie to connect it to the next group．
 ๗for＊．TR－Iütae 107；TR－Iütae 249，p．2557：．．TR－Iütae 249，p．1529：※．
 1529：お会等
See note on 18．1．

## Consulted Concordances

TR－Iütae 107，p．173－4；TR－Iütae 108，p．20；TR－Iütae 249，p．1529；TR－Iütae 249，p． 2557.

# Rāst Gül devri Nāyī Şeyḩ 'Ossmān Efendi'niñ 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 78, 1. 1 - p. 80, 1. 9

Râst
Devr-i kebîr
Peşrev
Nâyî Osmân Dede (1652-1729)
Rāst Gül devri Nāyī Şeyh 'Osmān Efendi'niñ devr-i kebīr; ḍarb 14
CMOi0183

## Remarks

At the end of the usûl cycles, the scribe uses both types of division signs ( $\%$ and ::) randomly. There is an ink blot all over the left side of the first page. It was probably caused by a later hand since the ink color (purple) is the same as the upside down addition of two groups ( $\sim \sim-\notin \sim$ ) on the right side of the page.

## Structure

| H1 | $\mid$ | 2 | $\mid$ | $2(\mathrm{~T})$ | $\mid$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| H2 | $\mid$ | 8 | $\mid$ | $2(\mathrm{~T})$ | $\mid$ |
| H3 | $\mid$ | 4 | $\mid$ | $2(\mathrm{~T})$ | $\mid$ |
| H4 | $\mid:$ | 3 | $: \mid$ | 2 | $2(\mathrm{~T})$ |

## Pitch Set



## Notes on Transcription


6.3.2 The duration sign above the pitch was written as a whole note sign (. ) first, then changed into a kind of dotted axis (.. ) by the addition of a stroke.
9.3 See note on 5.3.

27.1 The scribe attempted to write, first, but then changed it into $\dot{\omega}$ by overwriting.
64.3 See note on 47.3.
69.4.2 $\quad$ for $\boldsymbol{\omega}$.

82 The next division is missing. The scribe probably skipped it by mistake. Since
82.3 See note on 60.3.

36
39.3
43.3
47.3
60.3
78.2
85.3


解
 " ~. It looks like the superscript notes were added later by the scribe. Transcribed as 0 . TR-Iütae 107: it is part of a repeated passage, it appears at divs. 58-61.

See note on 47.3 (TR-Iutae 249 is excluded).

## Consulted Concordances

TR-Iütae 107, pp. 1-2; TR-Iütae 110, pp. 51-2; TR-Iütae 249, pp. 1307-8.

# 'Uşşāk Ḳanpōs naẓīresi ūṣūli düyek 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 81, 1. 1 - p. 83, 1. 6

Uşşâk
Çifte düyek
Peşrev
-
'Uşşāk Kanpōs naẓīre ūṣūli düyek; ḍarb 4
CMOi0367

## Remarks

Although the usûl düyek is indicated in the heading, the placement of the end cycle signs every two divisions suggests çifte düyek.

## Structure

| H1 | $\mid:$ | 4 | $: \mid:$ | $4(\mathrm{~T})$ | $: \mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 6 | $: \mid$ |  |  |
| H3 | $\mid:$ | 4 | $: \mid:$ | $4(\mathrm{~T})$ | $: \mid$ |
| H4 | $\mid:$ | 4 | $: \mid:$ | $4(\mathrm{~T})$ | $: \mid$ |

Pitch Set


## Notes on Transcription

 9:~~

 211-9:
5.3
 9:
 Iüne 211－9：ی．
 TR－Iüne 211－9：

15．2 See note on 6．2．
 TR－Iüne 211－9：，．．
 211－9：～～



 －

 TR－Iüne 211－9，TR－Iüne 217－15b：～＂～＂～～～～。
 Iüne 211－9：＂＂～’．

See note on 7．2．
See note on 7．4．
See note on 9．4．


 Iüne 211－9：，今，

22．2－3 Orig．



25.2

 ＂～＂ミ～～；TR－Iüne 211－9：～w．
27.4

See note on 7.2 （TR－Iütae 249 is excluded）．
See note on 7.4 （TR－Iütae 249 is excluded）．
See note on 9．4．
 -~~~

 . صیه

36.1 . \& . It looks like the rest sign (s) was added later by the scribe. TR-Iütae 109, TR-Içağatay YZPER2, TR-Iüne 211-9: ثر .
 -




43.1-2 See note on 19.1-2 (TR-Iütae 249 is excluded).

46.4 See note on 42.4 (TR-Iüne 211-9: "~~’ ) .

49.3-4 $\quad$ ティ


## Consulted Concordances

TR-Iütae 109, p. 16-17; TR-Iüne 211-9, p. 251; TR-Iüne 217-15b, pp. [16-19]; TR-Iütae 249, p. 2255; TR-Içağatay YZPER2, fol. [12r].

## Şett-i 'arabān devri Tatar'ıñ devr-i kebīr

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 83, 1. 7 - p. 87, 1.1

Şedd-i arabân
Devr-i kebîr
Peşrev
Tatar
Şett-i ‘arabān Tatar'ıñ devr-i kebīr; ḍarb 14
CMOi0247

## Remarks

The scribe uses the axis sign (a) above the last pitch sign within a group for the second time in the manuscript (i.e. divs. 64.1 and 66.3).
The scribe erroneously wrote Arabic numeral 2 instead of 4 to indicate H4.
In TR-Istek [1], the piece is attributed to Tanbûrî İsak (d. after 1807). The attribution was probably added to the heading by a later hand, who also made the additions and corrections in the notation.

## Structure

| H1 | $\mid:$ | 4 | $: \mid:$ | $4(\mathrm{~T})$ | $: \mid$ |
| :--- | :--- | :---: | :---: | :---: | :--- |
| H2 | $\mid$ | 4 | $\mid:$ | $4(\mathrm{~T})$ | $: \mid$ |
| H3 | $\mid:$ | 4 | $: \mid:$ | 4 | $: \mid:$ |
| H4 | $\mid$ | 4 | $\mid:$ | $4(\mathrm{~T})$ | $: \mid$ |
| H) | $: \mid$ |  |  |  |  |

Pitch Set


## Notes on Transcription

3.1

Orig.


Orig. Iüne 205-3: Iütae 107: $\approx$.


14.1 Orig. 祘; 2 $2^{\text {nd }}$ lay.

16 Mîm letter at the end of the div. is transcribed as reprise.
24.2.1 The scribe first attempted to write $\boldsymbol{\sim}$, but then changed it into $\boldsymbol{\xi}$.
38.2 for the similar melodic patterns in the previous groups. TR-Iüne 204-2, TR-Iüne

51.1.2 ₹ for $\boldsymbol{\sim}$. TR-Iüne 205-3, TR-Iüne 211-9, TR-Iütae 107:
 Iütae 107: $\begin{gathered}\text { "̈ }\end{gathered}$.
94.4 The function of the tie sign is not clear since there is a rest sign between the tied pitch signs.
96.1.3 Orig. $\sim ; 2^{\text {nd }}$ lay. $\approx$. Transcribed as $\approx$ since the later hand addition seems correct based on the consulted concordances. TR-Iüne 204-2, TR-Iüne 205-3, TR-Iüne 211-9, TR-Iütae 107: $\approx$.
96.2.3 Orig. $\approx ; 2^{\text {nd }}$ lay. $\sim$. It is transcribed as $\sim$ since the later hand intervention (scratch over pitch alteration sign) seems correct based on the consulted concordances. TR-Iüne 204-2, TR-Iüne 205-3, TR-Iüne 211-9, TR-Iütae 107: ~.
98.2 Orig. sm/ . The segâh pitch sign ( $\omega$ ) seems to have been scratched out and then $\approx$ was written above it, probably by a later hand. Although it is not very legible due to ink smearing, this intervention seems correct based on the consulted concordances.

102.4 See note on 94.4.

## Consulted Concordances

TR-Iüne 204-2, pp. 29-30; TR-Iüne 205-3, pp. 81-6; TR-Iüne 211-9, pp. 234-8; TR-Iüne 21311, pp. 21-3; TR-Iütae 107, pp. 246-8; TR-Istek [1], p. 119.

## Ḥicāz sengīn semāc̄ī

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 87, 1. 2 - p. 88, 1.5

Hicâz
Sengîn semâî
Saz semâîsi
-
Ḥicāz sengīn semā‘ī
CMOi0095

## Remarks

The usûl is indicated as yürük semâî in the heading of TR-Iütae 249, p. 853.

## Structure

| H1 | $\mid:$ | 5 | $: \mid:$ | $3(\mathrm{~T})$ | $: \mid$ |  |  |  |
| :--- | :--- | :---: | :--- | :---: | :---: | :---: | :---: | :--- |
| H2 | $\mid:$ | 4 | $: \mid$ | 4 | $\mid$ | $3(\mathrm{~T})$ | $\mid$ |  |
| H3 | $\mid:$ | 8 | $: \mid:$ | $3(\mathrm{~T})$ | $: \mid$ |  |  |  |
| H4 | $\mid:$ | $4^{*}$ | $: \mid$ | $4^{*}$ | $\mid$ | 4 | $\mid$ | $3(\mathrm{~T})$ |

*yürük semâî
The entire teslîm of H3 is probably written out in order to show the repetition at the end. Accordingly, it is assumed that the indicated teslîms in H 2 and H 4 have no repetition at the end.

Pitch Set


## Notes on Transcription


 -

The division is shown in parentheses as if there is a second ending, hence it is interpreted as a reprise.
14.1

See note on 3.1.
$\underset{\sim}{\sim} \hat{\mathcal{F}}$ for $\underset{\sim}{\sim} \mathcal{F}$. The single stroke above the second pitch sign does not seem to have been placed intentionally. TR-Iütae 249, p. 843: ثرَ .
$22.1 \quad$ See note on 3.1.
23.3.4 $\quad$ for $\tilde{\sim}$. It seems that the scribe forgot to insert the pitch alteration sign (kisver). TR-Iütae 108; TR-Iütae 249, p. 843: ت .

31.2 for for
$32.2 \quad$ See note on 29.2.
33.2 See note on 31.2.

$37.1 \quad$ See note on 3.1.

## Consulted Concordances

TR-Iütae 108, pp. 3-4; TR-Iütae 109, p. 177; TR-Iütae 249, p. 843; TR-Iütae 249, p. 853.

# Ṭāhir İsak'ıñ ūṣūli zencīr 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 88, 1. $6-$ p. $91,1.7$

Tâhir
Zencîr
Peşrev
Tanbûrî İsak (d. after 1807)
Ṭāhir zencīr İsak'iñ
CMOi0298

## Remarks

There is an Arabic mîm letter (م) below the heading.
The scribe stops using red ink pen and the handwriting starts to become sloppier starting from p. 89.

There are many clues indicating that TR-Iüne 214-12 was copied from TR-Iboa 355. In TRIboa 355, there are markings which coincide with the page breaks in TR-Iüne 214-12 and this could indicate that the scribe made calculations intended to design a better page layout. There are also a few identical mistakes apparent in both manuscripts (e.g. see note on 8.2).
H4 and a part of H3 are not available in TR-Iüne 211-9 due to the missing pages.

## Structure

| H1 | $\mid:$ | $1 / \mathrm{T}$ | $: \mid$ |
| :---: | :---: | :---: | :---: |
| H2 | $\mid:$ | $1 / \mathrm{T}$ | $: \mid$ |
| H3 | $\mid:$ | 1 | $: \mid$ |
| H4 | $\mid:$ | $1 / \mathrm{T}$ | $: \mid$ |

Pitch Set


## Notes on Transcription

6.3 Orig. and that the stroke above the last pitch sign was added by a later hand.
 s,
 TR-Iboa 355: . . The axis symbol above the first pitch sign seems to have been scribbled.
人 . The group seems to have been added later since the division wasn't complete. The group is also missing in TR-Iboa 355 which implies that the piece was copied from TR-Iboa 355. TR-Iüne 205-3, TR-Iüne 211-9: : 108: "
Orig. .n. There is an extra stroke above the second pitch sign which appears to be unintentional. Transcribed as "~~. TR-Iüne 205-3, TR-Iüne 211-9 (1 $1^{\text {st }}$ lay.),
 ; TR-Iboa 355: n, ; TR-Iütae 110: "ws .

 \%n for
 Iütae 108: $\begin{gathered}\prime \prime \\ \sim\end{gathered}$; TR-Iütae 110: $n$.
8.2 A tie sign is added in the transcription based on the teslîm of H1.
$\sim \approx$ for $\sim_{n=}^{\prime \prime \prime}$ (Cf. div. 16.3).
$\sim \mathcal{s}$ for $\sim_{n}$ : " (Cf. div. 15.3).
Cf. div. 15.4.
 .
${ }^{\prime} s_{\sim}$. superscript due to lack of space. The editor assumes that it was added by the
 355: シ́nur.
 TR-Iboa 355:
Orig. $\quad$; $2^{\text {nd }}$ lay. . $\boldsymbol{s} \boldsymbol{\mu} \boldsymbol{\varepsilon}$. The rest sign is ignored in the transcription since it is assumed to have been added by a later hand. Transcribed as عیّ . TR-Iüne 205-

39.3.1 The diagonal stroke above the pitch sign appears to be unintentional.
44.1.1 An erroneously written pitch sign was subsequently altered to $\boldsymbol{z}$ by the scribe.
 NrN TR-Iütae 249:
45.3-4 Cf. div. 15.3-4.

47.2 ,
48.4 The markings above are illegible due to scribbling or ink feathering. It is assumed that there is a pitch alteration sign above the second pitch sign. Transcribed as
49.4 Orig. . . The group is scratched out and an alternative is written above as
 249: تै~


59
With the 'il[ā]-āhirihi' text after the division, the scribe indicates that the performer should complete the teslîm on the basis of the other teslîms in the previous hânes. But since those teslîms differ in case of the endings, it is not clear which endings should be supplied. In this regard, the editor preferred to supplement the endings based on TR-Iüne 205-3 with a minor adaptation. Accordingly, the third group of the first ending $(\overbrace{\sim}^{* \prime \prime})$ is adopted as $\sim_{n \prime \prime}^{\prime \prime \prime}$.

## Consulted Concordances

TR-Iüne 205-3, pp. 12-4; TR-Iüne 211-9, pp. 145-8; TR-Iütae 108, p. 49; TR-Iütae 110, p. 8; TR-Iütae 249, pp. 1905-6; TR-Iboa 355, img. 228-9.

## Ṭāhir semāc̄̄

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. $91,1.8-$ p. $92,1.8$

Tâhir
Aksak semâî
Gaz semâîsi
Tanbûrî İsak (d. after 1807)
Țāhir semā‘ī İsak'ıñ
CMOi0299

## Remarks

There is an Arabic mîm letter (م) left to the heading.
The heading is centered between the lines 7 and 8, unlike the usual practice of the scribe.
Only two hânes are available. The Arabic numeral 3 denoting the hâne number is written out despite the fact that there is no notation given for H 3 and H 4 . Therefore, the next two pages (pp. 93-4) were left empty, presumably with the intention of adding the missing hânes later. The original layer is identical to the version in TR-Iboa 355 where there are only two hânes, while the other consulted concordances supply four.

## Structure

$\begin{array}{llllclll}\text { H1 } & \mid: & 4 & : \mid: & 4(\mathrm{~T}) & : \mid: & & \\ \text { H2 } & \mid: & 4 & : \mid: & 4 & : \mid: & 4(\mathrm{~T}) & : \mid\end{array}$

It is assumed that the mîm letters above the division signs indicate a repetition and that the indicated teslîm in H 2 also has a repeat at the end accordingly.

## Pitch Set



## Notes on Transcription

1.2

Orig. "


Orig. $\dot{\sim} ; 2^{\text {nd }}$ lay. $\dot{\sim}$. The rest sign seems to have been added later by another hand. Transcribed as $\underset{\sim}{*}$. Cf. divs. 1.4, 2.4, 4.4, 9.4 and 12.4. TR-Iütae 108: ins. TR-Iütae 249, p. 1910; TR-Iboa 355: $\dot{\sim}$.
Orig. $\sim$; $2^{\text {nd }}$ lay. $\dot{\sim}$. The second pitch sign is scribbled but it is barely
 1910: :
3.2 Orig. $\operatorname{mon}^{\text {nd }}$ lay. $\mathfrak{s}$. The gerdâniye pitch at the beginning of the group seems to have been added later since it is slightly out of the notation field.
 249, p. 1917:


The original group seems to have been scribbled by a later hand and it is barely recognizable as $\boldsymbol{\sim}$. The new alternative is also given above as, $\dot{\sim}$. Transcribed

Orig.客 by a later hand. The orig. group is taken into account and


 $\pm$.
 one was then scribbled. The ink drop stains above were presumably caused by
 355:
 תn ; TR-Iboa 355:
 TR-Iboa 355:
 added later so that it looks like a superscript note due to lack of space. The editor assumes that it was added later by another hand. Transcribed as ""mmern.

$8.3 \quad$ for $\quad$. There is also a tie sign above the group. But, it is ignored in the transcription since it was presumably added later by another hand. TR-Iütae

9.2 Orig. . 249, p. 1917:
12.2 Orig. A . There are many additions/corrections over the group presumably belonging to different later hands. One of these alternative interpretations is written above the group as and it seems to be blurred due to aging. Transcribed as 1917:
12.3 . 1 . There also is a tie sign above the group. But, it is ignored in the transcription since it was presumably added later by another hand. TR-Iütae

18.1 See note on 5.1.

## Consulted Concordances

TR-Iüne 211-9, pp. 148-9; TR-Iütae 108, p. 50; TR-Iütae 249, p. 1910; TR-Iütae 249, p. 1917; TR-Iboa 355, img. 230-31.

# Gül-'izār İsaḳ'ıñ ūṣūli ḥafîf 

| Source | TR-Iüne 214-12 |
| :--- | :--- |
| Location | P. 95, 1.1-p. 99, 1.3 |
| Makâm | Gülizâr |
| Usûl | Hafîf |
| Genre | Peşrev |
| Attribution | Tanbû̂̂̀ İsak (d. after 1807) |
| Index Heading | Gül-'izār İsak'iñ |
| Work No. | CMOi0134 |

## Remarks

No teslîm is indicated although some of the consulted concordances (TR-Iüne 203-1, TR-Iütae 109) supply teslîms.

In the heading of TR-Iüne 203-1, the makâm is originally indicated as Baytâr sabâ. However, a later hand added a note as Gülizâr. In TR-Iütae 249, p. 2427 the usûl is given as Düyek.
TR-Iboa 355 also suggests makâm Baytâr sabâ in the heading. There are many clues implying that the piece was copied from this source despite the fact that the title, including the makâm name, is different. It is probably because the heading in TR-Iüne 214-12 was added later by another hand. In H4 of TR-Iboa 355, there is a mark coinciding with the page break in TRIüne 214-12. This could indicate that the scribe made calculations intended to design a better page layout. There is also an identical mistake that is apparent in both manuscripts (i.e. see note on 46).

## Structure

| H1 | $\mid:$ | 2 | $: \mid$ |
| :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 2 | $: \mid$ |
| H3 | $\mid:$ | 2 | $: \mid$ |
| H4 | $\mid:$ | 2 | $: \mid$ |

Pitch Set


## Notes on Transcription


8.4 Orig. smon. The first pitch sign was scribbled with a lead pen and the group
 Iütae 249, p. 2427: smioni.
12.2-13.1 The groups are scratched out and the new alternatives are written above as:

12.4 N: nuw . TR-Iütae 249, p. 2427: :
An alternative division for the first ending is written above as: ( ) . :: ) and it is identical with the ending in TR-Iütae 109.

 .

 ,
22.1 . Tror for TR-Iütae 249, p. 2427: ※~~
$28.1 \quad$ See note on 22.1.


See note on 16.1-3.
36.2
36.2.5 The pitch sign seems to have been scribbled later by another hand with a lead pen.
 ru*。
46
47.1 See note on 43.1 (TR-Iütae 249, p. 2427 excluded).
 8; TR-Iütae 249, pp. 2451-2: : كثم.
50.1-3 See note on 16.1-3.


63.2 ~~~ for
64.1

See note on 43.1.
 2447-8: ,
67.3-4

68.4

See note on 33.4.

## Consulted Concordances

TR-Iüne 203-1, p. 16; TR-Iütae 107, pp. 185-8; TR-Iütae 109, pp. 136-7; TR-Iütae 249, p. 2427; TR-Iütae 249, pp. 2447-8; TR-Iütae 249, pp. 2451-2; TR-Iboa 355, img. 238-40.

# Beste-nigār devri Dede'niñ 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 99, 1. 4 - p. 102, 1. 3

Bestenigâr
Devr-i kebîr
Peşrev
İsmâîl Dede Efendi (1778-1846)
Beste-nigār devri Dede'niñ
CMOi0043

## Remarks

Only three hânes are available. Although the Arabic numeral 4 is written out for H 4 there is no notation given for this last hâne. The scribe also left p. 102 partly empty, probably for a later entry. In a similar manner, there are parentheses for the second ending of H3 but no notation inside (see note on 57 for further information).

## Structure

| H1 | $\mid:$ | 2 | $: \mid:$ | $2(\mathrm{~T})$ | $: \mid$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 2 | $: \mid:$ | $2(\mathrm{~T})$ | $: \mid:$ |
| H3 | $\mid:$ | 2 | $: \mid:$ | $2(\mathrm{~T})$ | $: \mid$ |

Pitch Set


## Notes on Transcription







7.4 See note on 3.4.




11.1
11.3 It seems that the scribe mistakenly put the axis symbol ( ${ }_{( }$) above the first pitch sign and that subsequently moved it above the next pitch sign.
11.4
29.3.2 $\quad$ for $\boldsymbol{\sim}$. It seems that the scribe forgot to put the kisver above. Since the group is a part of the teslîm, the pitch sign appears as $\tilde{\sim}$ in H3 and the consulted concordances also suggest $\mathfrak{\sim}$.
$30.1 \quad$ See note on 11.1.
$30.4 \quad$ See note on 3.4.
32.3 Cf. div. 13.3.
33.3-4 See note on 14.3-4.
34.1-3 See note on 15.1-3.
$35.2 \quad$ See note on 17.2.
See note on 3.4.





See note on 17.2 (TR-Iütae 249: " $\sim_{\sim}^{*}$ ).


, for

 group which probably functions as a legato.
See note on 11.1.



See note on 3.4.
See note on 9.1.
 of the teslîm, it appeared as $\tilde{\sim}$ in H1 before.
See note on 10.2-3.
36.1 Cf. div. 34.3.






See note on 39.2-3.
46.4 侯 for
$49.1 \quad$ See note on 9.1.
49.3 See note on 9.3.
50.1.2 $\sim$ for $\tilde{\sim}$. The editorial decision is based on the teslîms of the previous hânes and the consulted concordances.
50.2-3 See note on 10.2-3.
$53.3 \quad$ Cf. div. 13.3.
54.3-4 See note on 14.3-4.

55 The scribe omitted the division sign.
55.1-3 See note on 15.1-3.

57
The scribe wrote out the parentheses for the second ending but no notation is given. He probably planned to notate this part later. TR-Iüne 213-11 does not supply any second ending. In TR-Iütae 249, the second ending is similar to the first ending of TR-Iüne 214-12. In TMKlii, the endings that are used for H 3 are in the opposite order to the ones used in H2. In a similar manner, the second ending in the transcription is adopted from the first ending of H 1 .

## Consulted Concordances

TMKlii, no. 076; TR-Iüne 213-11, pp. 1-3; TR-Iütae 249, pp. 503-4.

# Pūselik 'aşīrān ūṣūleş lenk fāḩte 

| Source | TR-Iüne 214-12 |
| :--- | :--- |
| Location | P. 103, 1.1-p.105, 1. 8 |
| Makâm | Bûselik aşîrân |
| Usûl | Fâhte |
| Genre | Peşrev |
| Attribution | - |
| Index Heading | Pūselik ‘aşīrān lenk fāh̆te |
| Work No. | CMOi0060 |

## Remarks

There are only three hânes available whereas the consulted concordances supply four hânes. Although the Arabic numeral 4 is written out for H 4 there is no notation given for this last hâne. Accordingly, the scribe left the next page empty probably for a later entry.
Although the usûl Lenk fâhte is indicated in the heading, the distribution of the division signs suggests usûl Fâhte. The usûl is indicated as cenk fâhte in TR-Iütae 108, and as fâhte in TRIüne 204-2. In TR-Iütae 107; no usûl is indicated but the placement of the division signs suggests also usûl fâhte. The description of Selām-ı rābic in the heading of TR-Iütae 107 implies that the piece was played as a part of the fourth selâm of a Mevlevî âyin.
The piece is attributed to Gadî Mehmed Ağa (fl. ca. 1900?) in TR-Iüne 204-2.
Starting from H2, the bûselik pitches in TR-Iüne 214-12 are usually written out as segâh in most of the consulted concordances (TR-Iütae 107, TR-Iütae 108, TR-Iam 1537 and TR-Iüne 204-2).
The hânes are not given in the correct order. Thus, H1 is followed by H3 and H2 respectively. Due to this incorrect ordering, the scribe or a later hand relabelled the hânes as birinci hāne, üçünci hāne and ikinci hāne next to the hâne numbers probably to make them more noticeable. In the transcription, the order given in the manuscript ( $\mathrm{H} 1, \mathrm{H} 3$ and H 2 ) is taken into account. H3 runs in without any line break unlike the usual practice of the scribe. In this regard, the Arabic numeral 3 denoting the hâne number was given twice by the scribe; one is at the page margin left of the notation (as usual), the other one is inside the notation between the last group of H2 (div. 25) and the first group of H3 (div. 26), to make the transition between hânes more noticeable.

## Structure

| H1 | $\mid:$ | 8 | $: \mid$ |
| :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 8 | $: \mid$ |
| H3 | $\mid:$ | 8 | $: \mid$ |

## Pitch Set



## Notes on Transcription


 Iütae 249: $\quad$,
Orig. $\dot{\sim} ; 2^{\text {nd }}$ lay. $\dot{\sim} \sim \ddot{H}$. The additions in red ink seem to have been made by a later hand. Transcribed as $\dot{\sim}$. TR-Iütae 107, TR-Iütae 108, TR-Iam 1537: $\underset{\sim}{\sim}$...w; TR-Iütae 249:


。
14.1 Orig. ~"

30.2 There is a vertical line after the group and its function is not clear.




38.2.1 The dot above the pitch sign appears to be unintentional.

41.1 , for $\quad$, Iam 1537: numa .
42.1

$43.2 \quad \leadsto$ for $\stackrel{\rightharpoonup}{\mu}$.
44.4
45.4
47.1
47.3
48.1
48.3
49.1.2 $\omega$ for $\boldsymbol{\approx}$. All the consulted concordances feature $\approx$.



57.3 The blurry ink stain behind the group was possibly caused by a corrective intervention by the scribe.
63.1-2 $\quad$. The groups were scratched out and the new alternatives were written above as similar phrases appearing at divs. 71.4-72.1.
65.1

 TR-Iütae 108, TR-Iüne 204-2: .."nsum.
 appearing before at divs. 24.1 and 65.1.
78.3 The blurry ink stains above the first two pitch signs imply that there were durational markings. But they appear to have subsequently been scribbled and then erased.
79.1 See note on 78.1.

## Consulted Concordances

TR-Iam 1537, pp. 89-91; TR-Iüne 204-2, pp. 16-8; TR-Iütae 107, pp. 43-4; TR-Iütae 108, pp. 79-80; TR-Iütae 249, pp. 595-7.

## Eve semā̄̄̄ Corci'niñ

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 107, 1. 1 - p. 109, 1. 2

Eve
Aksak semâî
Gaz semâîsi
Kemânî Corci (d. after 1785)
Eve semācī
CMOi0015

## Remarks

Almost all of the later additions / corrections appear to be in red ink (the additions at dives. 31-32 are in black ink).
The original layer suggests that the piece was copied from TR-Iboa 355 since there are even the same scribal mistakes and choices at some particular points in the mss. (See notes on 8.1, 21, 30 and 47).

## Structure



H2 is marked with an asterisk by the scribe to indicate that the entire hâne is teslîm.
It is assumed that the mîm letter at the end of div. 46 (above the division sign) indicates a repetition.

Pitch Set


## Notes on Transcription

1.2-4 Orig. . . The groups were scratched out and the new alternatives

 .
2.2-3 Orig. . The groups were scratched out and the new alternatives


$2.4 \quad$ Orig. $\dot{\sim} ; 2^{\text {nd }}$ lay. $\dot{\sim}$. Cf. divs. 4.4, 5.4, 6.4, 9.4, 22.4, 35.4, 42.4 and 46.4. Transcribed as $\underset{\sim}{\dot{\sim}}$. TR-Iütae 108: $\underset{\sim}{\sim}$; TR-Iütae 249, TR-Iboa 355: $\dot{\sim}$.


Orig. $\dot{\sim}$; $2^{\text {nd }}$ lay. $\underset{\sim}{\sim}$. The addition of $\mathcal{A}$ seems to have been made by a later hand. Accordingly, the dot sign denoting a half note value was probably scratched out by the same hand. Transcribed as $\dot{\sim}$. TR-Iüne 204-2, TR-Iütae

4.3

Orig. (
 249, TR-Iboa 355: تر :


8.1 Orig. out by a later hand. The first ending of H1 starts with this group but the scribe omitted the parentheses for this first ending. It seems that a later hand added an opening parenthesis, which is also reflected in the transcription. In TR-Iboa 355, there is also no parenthesis for the first ending. TR-Iütae 108: $\dot{\boldsymbol{\nu}}$; TR-Iütae 249, TR-Iboa 355:
8.4 Orig.

9.1 Orig. The first pitch sign in superscript was scratched out by a later hand. Transcribed as
10.1-2 Orig. . . . The groups were scratched out and the new alternatives were written above as $\dot{\sim}$

 TR-Iboa 355:
11.1-2 Orig.
 108: :
 Iboa 355: حمشٌ .
12.1-2 Orig. 0 . The groups were scratched out and the new alternatives were


12.3 Orig. 今; ; ; 2nd lay. Iboa 355:
13.2 Orig. 204-2:
14.2-3 Orig.
苚; TR-Iütae 249, TR-Iboa 355:
Orig.

15.3 Orig. . . The first pitch sign seems to have been scratched out by a later
 249, TR-Iboa 355: ,
 TR-Iboa 355:
17.3 Orig. Transcribed as "
18.3 Orig. . . The axis symbol seems to have been scratched out by a later hand.
 Orig. 249, TR-Iboa 355: مـرير.
20.3 Orig. $\approx$. The axis symbol seems to have been scratched out by a later hand.
 The scribe omitted the parentheses for the first ending. The parentheses in red ink which are also added in the transcription probably belong to a later hand. In TR-Iboa 355, there is also no parenthesis for this first ending. Orig. 249, TR-Iboa 355:

Orig. $\therefore$. The pitch sign was scratched out and the new alternative was written
 $\sim$; TR-Iboa 355: $\dot{\lambda}$.
25.4
 phrases in the previous two divisions.
Orig. 249:
 Iütae 249:
The scribe omitted the parentheses in the first ending. In TR-Iboa 355, there are also no parentheses for the first ending.
For the second ending, the scribe used : instead of $:$ as in TR-Iboa 355.
.nner for
 Iütae 249, TR-Iboa 355: .
, for $\ddot{\sim}$


 249, TR-Iboa 355: w/w/ .
Orig. . . An alternative group was written above as $\mu$. . by a later hand.

Orig.



 See note on 34.1.
Another extra sign (\#), apart from an asterisk, seems to have been added to indicate the teslîm by a later hand. It is ignored in the transcription.


Orig.
 Iboa 355: Anwn.
Orig. $\stackrel{\star}{\wedge} ; 2^{\text {nd }}$ lay. $\dot{\beta}$. The first pitch sign (in superscript) was scratched out by a

46.2
46.3 Orig. $\omega_{1}$. The second pitch sign was scratched out by a later hand. Transcribed

47
 Transcribed as " as $"_{1} w_{1}$. TR-Iütae 249, TR-Iboa 355:
There is only an opening parenthesis and it presumably functions as an indicator of the change in the usûl (from aksak to sengîn semâî) as in TR-Iboa 355. Thus, it is ignored in the transcription.
49.1


$51.2 \quad$ Orig. $\quad$. $; 2^{\text {nd }}$ lay. . . The last pitch sign seems to have been scratched out and subsequently moved to the begining of the next group by a later hand. Transcribed as "ড"", on the basis of div. 47.2. TR-Iboa 355:
51.3
53.1

 out by a later hand. Transcribed as "

54

A later hand added a loop sign at the end of the division, which is ignored in the transcription.

## Consulted Concordances

TR-Iüne 204-2, p. 3; TR-Iütae 108, p. 50; TR-Iütae 249, p. 221; TR-Iboa 355, img. 301, 246.

# Revnak-nümā ḥafiff 'Ossmān Beğ'iñ 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 109, 1. 3 - p. 111, 1. 3

Revnaknümâ
Hafîf
Peşrev
Büyük Osmân Bey (1816-1885)
Revnaḳ-nümā 'Ossmān Beğ
CMOi0201

## Remarks

The versions found in TR-Iüne 214-12, TR-Iam 1537 and TR-Iboa 355 are almost identical. Furthermore, there are identical scribal errors available in both TR-Iboa 355 and TR-Iüne 21412 (e.g. see note on 15.2.3). In TR-Iboa 355 there also are markings which seem to have been made later and coincide with the page breaks in TR-Iüne 214-12.

## Structure

| H1 | $\mid:$ | 1 | $\mid$ | $1(\mathrm{~T})$ |
| :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 1 | $\mid$ | $1(\mathrm{~T})$ |
| H | $:$ |  |  |  |
| H3 | $\mid:$ | 1 | $\mid$ | $1(\mathrm{~T})$ |
| H4 | $:$ |  |  |  |
| H | : | 1 |  | $1(\mathrm{~T})$ |
| H | $: \mid$ |  |  |  |

Although the teslîm of H 4 has only one ending unlike the other teslîms in the previous hânes, it is assumed that H 4 is repeated due to the fact that the last division (div. 47) is shown in parentheses.

## Pitch Set



## Notes on Transcription

2.3




9.2 See note on 6.3.
10.3
12.3
14.3
16.2
30.3.1 $\sim$ for $\tilde{\boldsymbol{*}}$. All the consulted concordances feature $\tilde{\sim}$.




 1537: 今~~; TR-Iboa 355:

45.3.1 An erroneously placed marking above the pitch sign seems to have been scribbled by the scribe.
47 The division contains five groups. The second and third groups are considered as one group on the basis of the consulted concordances.

## Consulted Concordances

TR-Iam 1537, pp. 38-9; TR-Iütae 107, pp. 298-9; TR-Iütae 109, pp. 224-5; TR-Iütae 249, pp. 1335-6; TR-Iboa 355, img. 116-7.

# Revnaḳ-nümā semācī Ṣāliḥ Efendi'niñ 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 111, 1. 4 - p. 113, 1. 3

Revnaknümâ
Aksak semâî
Gaz semâîsi
Neyzen Sâlih Bede (d. ca. 1885)
Revnak-nümā semācī Ṣāliḥ Efendi'niñ
CMOi0202

## Remarks

H4 of TR-Iüne 214-12 is six bars longer than the consulted concordances.
The versions in TR-Iütae 107 and TR-Iam 1537 are very similar to each other in regards to the notation.
There is a scribal error that is identically available in both TR-Iüne 214-12 and TR-Iam 1537 (See note on 20.1) and this may indicate that there is some common source between two manuscripts or that one was copied from the other.
The scribe uses both types of division signs ( $\because$ and $::$ ) randomly.

## Structure

| H1 | $\mid$ | 5 | $\mid$ | $5(\mathrm{~T})$ | $\mid$ |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| H2 | $\mid$ | 5 | $\mid$ | $5(\mathrm{~T})$ | $\mid$ |  |  |  |  |  |
| H3 | $\mid$ | 10 | $\mid$ | $1(\mathrm{~T})$ | $\mid$ |  |  |  |  |  |
| H4 | $\mid:$ | $12^{*}$ | $: \mid:$ | $4^{*}$ | $: \mid:$ | $4^{*}$ | $: \mid:$ | $4^{*}$ | $: \mid$ | $5(\mathrm{~T})$ |

*yürük semâî

It is assumed that the division signs ( $\%$ and $::$ ) in the yürük semâî section, indicate a repetition.

Pitch Set


## Notes on Transcription


3.2 249: N:NON.




10.3 The scribe erroneously left no space before the next group (ns) .
12.2.4 for $\mathcal{\sim}$. All the consulted concordances feature $\mathcal{\sim}$.


20.1 . for w. TR-Iütae 107, TR-Iütae 249: .w. TR-Iam 1537: w.
 $23.4 \underset{\sim}{4}$.
26.1 An erroneously written pitch sign ( $\underset{\sim}{ }$ ) was subsequently erased by the scribe.
26.4.2 $\quad$ for $\sim$. All the consulted concordances feature $\sim$.



50.2 . 5 .

51 Since the next division also has a division sign (::) at the end, it is assumed that : indicates a first ending. In this regard, the parentheses in the transcription were added by the editor.

## Consulted Concordances

TR-Iam 1537, pp. 39-41; TR-Iütae 107, pp. 299-300; TR-Iütae 249, p. 1339.

## Evc Z̄ākir sakāili

| Source | TR-Iüne 214-12 |
| :--- | :--- |
| Location | P. 113, 1. 4-p.115, 1. 9 |
| Makâm | Evc |
| Usûl | Sakîl |
| Genre | Peşrev |
| Attribution | Zâkir |
| Index Heading | Evc Zākir sakīlli |
| Work No. | CMOi0007 |

## Remarks

Only H1, H2 and the first two divisions of H3 are available. The rest of the piece which was supposed to be written on the subsequent page of the manuscript, was not provided by the scribe. The scribe most likely preferred to leave this page empty with the intention of adding the remaining hânes later.

There are many additions and corrections by a later hand in the first cycle of H1. Since this points to another variant, it was also necessary to transcribe this second version (see below for the melodic line of the alternative H 1 ).
The piece seems to have been copied from TR-Iboa 355 (see note on 10.4-13). There are markings in TR-Iboa 355 which correspond to the page breaks in TR-Iüne $214-12$, possibly indicating spacing calculations by the scribe. In addition, the notation is also incomplete and stops at the same point as in TR-Iüne 214-12.

## Structure

| H1 | $\mid:$ | 1 | $: \mid:$ | $1(\mathrm{~T})$ | $: \mid$ |
| :--- | :--- | :--- | :--- | :---: | :--- |
| H2 | $\mid:$ | 1 | $: \mid:$ | 1 | $: \mid$ |
| H3* |  |  |  |  |  |

*Only the first two divisions are written out while the consulted concordances (except TRIboa 355) supply the entire piece, including H3 and H4. The missing hânes are not included in the transcription to reflect the original state of the manuscript.

Pitch Set


## Notes on Transcription

7-8 The missing two divisions are supplied from TR-Iütae 249.
10.4-13 The scribe wrote alternative divisions above the main notation line: $\sim$ : (\%) . The same additions are also apparent in TR-Iboa 355, perhaps indicating that the piece was copied from this source. In addition, the later hand who made the additions/corrections (as stated in the Remarks section) also preferred to take those alternative divisions into account and this is evident in the division numbers in red ink, which were probably added by the later hand.
11.1 for "
 Iboa 374: :

12-13 From the ink blot it is deducible that the scribe subsequently erased the endings and rewrote them.

15.1.1 The pitch sign is blurred due to a corrective intervention in the upper line.
17.3 For fronn . TR-Iütae 107, TR-Iütae 249, TR-Iboa 355: TR-Iboa 374: N.



29.1.5 It seems that the scribe first attempted to write $\mu$, then changed it to $\sim$
 lay.): $\sim \boldsymbol{\sim} \mu$; TR-Iboa 355 (1 $1^{\text {st }}$ lay.): $\widehat{\sim \sim \mu \mu}$.
 ~~
32.4 It seems that the scribe first attempted to write another pitch sign, then changed it to $\sim$.
33.3.2 The pitch sign seems to have been corrected by the scribe. The pitch alteration sign above is scribbled.
33.4.2 $\quad$. All the consulted concordances feature $ص$.
 TR-Iboa 355: $\underset{\sim}{\sim}$
花。
54.3.2 Above the pitch sign, there is a diagonal stoke which appears to be irrelevant.

## Consulted Concordances

TR-Iütae 107, pp. 145-7; TR-Iütae 249, pp. 307-8; TR-Iboa 355, img. 244-5; TR-Iboa 374, img. 333-6.

1[. Hâne]



Figure 2: Alternative version of the first cycle of H1 on p. 113.

## Evc-ārā semāčī Sālim Beğ'iñ

| Source | TR-Iüne 214-12 |
| :--- | :--- |
| Location | P. 117, 1.1-p.119, 1.5 |
| Makâm | Evcârâ |
| Usûl | Aksak semâî |
| Genre | Saz semâîsi |
| Attribution | Neyzen Sâlim Bey (d. 1885) |
| Index Heading | - |
| Work No. | CMOi0148 |

## Remarks

There is an Arabic mîm letter (尺) below the heading.

## Structure

| H1 | $\mid:$ | 5 | $: \mid:$ | $4(T)$ | $: \mid$ |  |  |
| :--- | :--- | :---: | :--- | :---: | :--- | :--- | :--- |
| H2 | $\mid:$ | 7 | $: \mid:$ | $4(T)$ | $: \mid$ |  |  |
| H3 | $\mid:$ | 9 | $: \mid:$ | $4(T)$ | $: \mid$ |  |  |
| H4 | $\mid:$ | $4^{*}$ | $: \mid:$ | $4^{*}$ | $: \mid:$ | 4(T) | $: \mid$ |
| *sengîn semâî |  |  |  |  |  |  |  |

It is assumed that the division signs ( $\%$ ) at the end of the usûl cycles (except the second endings) indicate a repetition.

## Pitch Set



## Notes on Transcription

3.2-3




25.3 تָ
26.2.5 $\quad$ for $\mathfrak{\sim}$. All the consulted concordances feature $\mathfrak{\sim}$.

31-32.1 It seems that the groups were erased and subsequently rewritten or changed by the scribe.
34.2 ~
35.2
38.2

From the ink blot it is deducible that there were two more pitch signs $(\widetilde{\sim})$ ) at the begining of the group, which were subsequently erased by the scribe.

## Consulted Concordances

TR-Iüne 204-2, p. 6; TR-Iütae 109, pp. 38-9.

# Nevā ber-efşān İsak'iñ 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 120, 1. 1 - p. 121, 1.6

Nevâ
Berefşân
Peşrev
Tanbûrî İsak (d. after 1807)
-
CMOi0513

## Remarks

H1, H2, and the first 8 dives. of H3 only are notated; H4 is not notated. Another complete version of the piece is found on pp. 137-[40]. All the consulted concordances have four hânes and a more extensive H3.
The scribe uses both types of division signs ( $\because$ and $::$ ) randomly.
All of the later hand additions / corrections are in red ink.
The colour of the ink used for hâne number 3 is slightly lighter, hence it might have been added later.
The piece is attributed to Kâtib Çelebi (1609-1657) in TR-Iboa 373.

## Structure

| H1 | $\mid:$ | 2 | $: \mid$ |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 2 | $: \mid:$ | 2 | $: \mid$ |
| H3 | $\mid:$ | 2 | $: \mid$ |  |  |

It is assumed that the parentheses used for the last divisions of usûl cycles indicate a repetition.

Pitch Set


## Notes on Transcription

 pitch sign seems to have been scratched out by a later hand. TR-Iüne 207-5,

 sixteenth note value, the group is transcribed as ${ }^{\circ}$

 9: "ñor
8.2-4 Orig. alternatives were subsequently written above as
 9 ( $2^{\text {nd }}$ lay.):



32.2 See note on 23.2 (TR-Iüne 207-5: : ***)
32.3.1 The ink appears to be smeared.

33 : omit.
33.2 See note on 24.2 (TR-Iüne 207-5: :

## Consulted Concordances

TR-Iüne 207-5, pp. 35-8; TR-Iüne 211-9, pp. 254-8; TR-Iboa 373, pp. 147-8; TR-Istek [1], p. 187.

# Nühüft 'Ossmān Beğ devr-i kebīr 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 121, 1. 7 - p. 124, 1. 2

Nühüft
Devr-i kebîr
Peşrev
Büyük Osmân Bey (1816-1885)
-
CMOi0523

## Remarks

There is an Arabic mîm letter ( P ) below the heading.
H3 is missing. However, all the consulted concordances supply H3.

## Structure

| H1 | $\mid$ | 3 | $\mid(\mathrm{T})$ | $\mid$ |
| :--- | :--- | :--- | :--- | :--- |
| H 2 | $\mid$ | 5 | $\mid$ | $1(\mathrm{~T})$ |
| H 4 | $\mid$ | 3 | $\mid$ | $1(\mathrm{~T})$ |

Pitch Set


## Notes on Transcription



7.2 . 7 .


23.3 . for

29.3 for
32.1 See note on 23.3 (The division is missing in the consulted concordances).
40.4 ح
43.1-3 The second pitch signs of the groups seem to be in superscript since the scribe possibly added them at a later stage. Thus, the intention of the scribe appears

44.4


## Consulted Concordances

TR-Iüne 204-2, pp. 34-5; TR-Iütae 107, pp. 349-50.

## Nühüft semā‘ī Sālim Beğ

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 124, 1. 3 - p. 126, 1. 4

Nühüft
Aksak semâî
Saz semâîsi
Neyzen Sâlim Bey (d. 1885)
-
CMOi0489

## Remarks

There is an Arabic mîm letter ( $\mathrm{\imath}$ ) below the heading.
The scribe uses both types of division signs ( $\%$ and ::) randomly.

## Structure



The scribe preferred to write out the entire teslîm in H 2 despite the fact that it could also be indicated by a reference (asterisk) as in H 3 and H 4 .

It is assumed that the closing parenthesis before the teslîm in H4 indicates a repetition.

## Pitch Set



## Notes on Transcription

1.4.1 $\quad \hat{\sim}$. There is a blurry ink stain above the duration sign.
5.4.2 $\quad$ for $w$. Since it is a part of the teslîm, it appears again at div. 14.4.2 as $w$. TRIüne 204-2, TR-Iütae 107: $\omega$.

12.2.1 There is a blurry ink stain behind the pitch sign but it does not affect legibility.
21.2.5 $\quad$ for $\boldsymbol{\mathcal { A }}$. It is apparent that the scribe omitted the kisver above the pitch sign. TR-Iütae 107 also features the same mistake. TR-Iüne 204-2: $\boldsymbol{\sim}$; TR-Iütae 107: $\curvearrowright$
From the ink stain, it is deducible that there was an opening parenthesis at the beginning of the division. But the scribe subsequently erased and rewrote it at the beginning of the previous group (div. 29.4).
An opening parenthesis is added in the transcription since there is only a closing parenthesis provided by the scribe.

## Consulted Concordances

TR-Iüne 204-2, p. 35; TR-Iütae 107, p. 350.

# Ḥicāzkār ‘Osmān Beğ'iñ devr-i kebīr 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 126, 1. 5 - p. 129, l. 3

Hicâzkâr
Devr-i kebîr
Peşrev
Büyük Osmân Bey (1816-1885)
-
CMOi0558

## Remarks

There is an Arabic mîm letter ( $)$ ) below the heading.
The scribe uses both types of division signs ( $\because$ and ::) randomly.

## Structure

| H1 | $\mid$ | 3 | $\mid$ | $1(\mathrm{~T})$ |
| :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid$ | 3 | $\mid$ | $1(\mathrm{~T})$ |
| H3 | $\mid$ | 3 | $\mid$ | $1(\mathrm{~T})$ |
| H4 |  |  |  |  |
| H4 | $\mid$ | 3 | $\mid$ | $1(\mathrm{~T})$ |

The scribe preferred to write out the entire teslîm in H4 due to the fact that it features a few differences.

## Pitch Set



## Notes on Transcription

1.4

2.1.2 The duration sign above seems to have been scratched out by the scribe.
22.1.3 The small thin stroke above the pitch sign appears to have been written out unintentionally by the scribe.

31.4.1 $\quad$ for $w$. TR-Iütae 107: w.

In contrast to earlier, the scribe uses a cross symbol ( $\times$ ) to indicate the teslîm.
 to write out the last pitch sign. The correction by a later hand appears only in this division.

## Consulted Concordances

TR-Iütae 107, pp. 355-6.

## Ḥicāzkār semā‘ī Edhem Efendi'niñ

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 129, 1. $4-$ p. 130, 1.9

Hicâzkâr
Aksak semâî
Gaz semâîsi
Kânûnî Edhem Effendi (d. 1918?)
—
CMOi0559

## Remarks

There is an Arabic mîm letter ( $)$ ) below the heading.
The scribe uses both types of division signs ( $\because$ and ::) randomly.

## Structure

| H1 | $\mid$ | 6 | $\mid$ | $4(\mathrm{~T})$ | $\mid$ |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| H2 | $\mid$ | 6 | $\mid$ | $4(\mathrm{~T})$ | $\mid$ |  |  |  |
| H3 | $\mid$ | 6 | $\mid$ | $4(\mathrm{~T})$ | $\mid$ |  |  |  |
| H4 | $\mid:$ | $4^{*}$ | $: \mid:$ | $4^{*}$ | $: \mid:$ | $4^{*}$ | $: \mid$ | $4(\mathrm{~T})$ |

*yürük semâî

Pitch Set


## Notes on Transcription

 appearing duration signs such as 'o', 'r', and ‘,' (indicating fixed durational values as part of HNER) were also notated by the scribe. However, there are also the thin stroke signs () employed to indicate relative durational values. This may imply that the scribe copied this piece from another source which features different notational conventions, and then subsequently added the other duration signs according to his own knowledge.
6.1.1 There is a water stain above the pitch sign.
14.2

33.2


## Consulted Concordances

TR-Istek [2], fols. 101v-102r.

# Sūz-1 dil-ārā Sulṭān Selīm'iñ düyek 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 131, l. 1 - p. 134, 1. 2

Sûz-1 dilârâ
Düyek
Peşrev
Selîm III (1761-1808)
-
CMOi0241

## Remarks

There is an Arabic mîm letter ( $)$ ) below the heading.
The scribe used a different type of asterisk sign (or hash sign with only one horizontal line) to indicate the teslîm in H 1 and H 2 . However, he preferred to use a normal hash sign ( $れ$ ) probably to indicate the differentiated teslîm in H 3 and H 4 .

## Structure

| H1 | $\mid:$ | 6 | $\mid$ | $4(\mathrm{~T})$ | $: \mid$ |
| :--- | :--- | :---: | :--- | :--- | :--- |
| H2 | $\mid:$ | 10 | $\mid$ | $4(\mathrm{~T})$ | $: \mid$ |
| H3 | $\mid:$ | 12 | $\mid$ | $4(\mathrm{~T})$ | $: \mid$ |
| H4 | $\mid:$ | 12 | $\mid$ | $4(\mathrm{~T})$ | $: \mid$ |

## Pitch Set



## Notes on Transcription

6.3

F for fornan
13.2.2 There is an ink stain behind the pitch sign possibly due to deletion of the former pitch or duration sign.

 the same duration symbol (。) above the first and third pitch signs consecutively,
which probably indicates that he used it for a sixteenth note value that covers only two pitch signs.
15.3 See note on 13.3 (TR-Iam 1537: $\underset{\sim}{\kappa} \sim$ ₹ $)$.
19.3

Cf. 13.3 for durational values.
42.4

. The scribe erroneously wrote the last pitch sign as | a |
| ---: |
| for |
| . Since it is | part of a repetitive structure, it appears again at div. 44.4.4 as, $\mathfrak{\mathcal { * }}$. Transcribed as $\mathfrak{\imath}$. TR-Iütae 107: $\mathfrak{\sim}$; TR-Iam 1537:

## Consulted Concordances

TR-Iam 1537, pp. 41-3, TR-Iütae 107, pp. 168-9.

## Sūz-1 dil-ārā semā‘̄̄

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 134, ll. 3-9

Suz-1 dilârâ
Aksak semâî
Saz semâîsi
-
-
CMOi0242

## Remarks

There is an Arabic mîm letter (尺) below the heading.
Only H1 is notated. All the consulted concordances feature a different version of the piece and supply four hânes.
There are ink stains all over the page which were probably caused by too much ink flowing through the nib of pen.
The scribe uses the hash sign (ね) to indicate the teslîm despite the fact that an asterisk sign has been more frequently employed in the previous pieces.

## Structure

H1 |: $7 \quad \begin{array}{lll}\text { H } & \text { 4(T) }\end{array}$

## Pitch Set



## Notes on Transcription

1.2 Behind the group, there is a blurry fingerprint due to an ink stain over the page. It appears to belong to the scribe.
2.1-2 From the ink stain, it is deducible that the scribe first attempted to write ars'ín (which appears again at div. 3.3-4) but then erased and replaced them with wiñ snawos.
5.3 Orig. $\%$. The group is hardly recognizable due to the ink stain and feathering on the duration signs.

## Consulted Concordances

TR-Iboa 466, p. 07; TR-Istek [2], fols. 075r-v; TR-Iütae 249, p. 1585.

## Ḥicāz zīrgūle ḍarb-ı fetḥ

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. 135, l. 1 - p. 137, 1. 2

Hicâz zîrgûle
Darb-1 fetih
Peşrev
-
-
CMOi0104

## Remarks

Only the first two hânes are notated while the consulted concordances supply five hânes. The makâm is indicated as Zîrgûleli hicâz in TR-Iütae 107, TR-Iüne 203-1, TR-Istek [2] and TR-Iboa 374.
The piece is attributed to Şerîf Çelebi (d. ca. 1680) in TR-Iboa 355, TR-Iüne 205-3, TR-Iüne 211-9 and TR-Iam 1537; to İsmâil Dede Efendi (1778-1846) in TR-Iütae 108; to Arabzâde Alî Dede (1705-1767) in TR-Istek [2].
The usûl is indicated as Darbeyn in TR-Iboa 355. The deleted version in TR-Iüne 211-9 (pp. 115-9) appears to have been copied from TR-Iboa 355 since the markings in this manuscript presumably correspond to the page breaks in TR-Iüne 211-9.
The scribe uses a hash sign ( ${ }^{*}$ ) to indicate the teslîms, despite the fact that an asterisk sign has been more frequently employed in the previous pieces.

## Structure

| H 1 | $\mid:$ | $1 / \mathrm{T}$ | $:$ |
| :--- | :--- | :--- | :--- |
| H 2 | $\mid:$ | $1 / \mathrm{T}$ | $:$ |

Pitch Set


## Notes on Transcription

4.1.2 The duration sign above the pitch sign is assumed to be a circle symbol (o) which denotes a sixteenth note value.



12.4.1 $\quad$. It seems that the scribe mistakenly wrote $\rho$ for ${ }_{n}$.
16.3.1 $\quad \stackrel{\sim}{\sim}$. It seems that the scribe mistakenly wrote $\rho$ for ${ }_{n}$.
21.3.1 There is an irrelevant dot above the pitch sign.
32.2.2 The pitch sign is not in its usual form due to too much ink flowing through the nib of the pen.
34.1.1 It seems that the scribe first attempted to write $\mu_{\mu}$ and subsequently changed it to $\omega$.
35.2.3 It seems that the scribe first attempted to write another pitch sign and subsequently changed it to $\mathcal{\sim}$.
35.4 . considered this sign as a sixteenth note indicator which covers only two consecutive pitch signs.
39.3.1 See note on 16.3.1.

## Consulted Concordances

TR-Iam 1537, pp. 21-4; TR-Iboa 355, img. 223-6; TR-Iboa 374, fols. 98r-99r; TR-Iüne 203-1, p. 12; TR-Iüne 205-3, pp. 60-63; TR-Iüne 211-9, pp. 212-16; TR-Iütae 107, pp. 104-6; TRIütae 108, pp. 163-4; TR-Iütae 249, pp. 873-4.

# Nevā ber-efşān İsak 

| Source | TR-Iüne 214-12 |
| :--- | :--- |
| Location | P. 137, 1. 3-p. [140], 1.2 |
| Makâm | Nevâ |
| Usûl | Berefşân |
| Genre | Peşrev |
| Attribution | Tanbûr̂̀ İsak (d. after 1807) |
| Index Heading | - |
| Work No. | CMOi0513 |

## Remarks

Another uncomplete version of this piece can be found on pp. 120-21.
It seems that the scribe uses the hook sign ( $\kappa$ ) for the same purpose as the axis ( $(x)$ and single stroke (). This is evidenced by the repeated section between divs. 35-37.2 and 39-41.2.
There was an Arabic numeral 3 instead of 1 at the beginning of H1. It was subsequently scribbled out and corrected to 1 . This was probably caused by the continuous numbering of the scribe or a later hand since the previous piece has only two hânes. This suggests that the hâne numbers of some pieces might have been written out once all those pieces had been notated.

H3 runs in without any line break, unlike the usual practice of the scribe. The indentation of H4 on p. [139] is much greater compared to the final section of the previous hâne, which was given at the top of the same page.
The scribe uses both types of division signs ( $\%$ and ::) randomly.
There is a superscript pitch sign that has been transcribed as a grace note by the editor for the first time (see note on 47.1).

## Structure

| H1 | $\mid:$ | 2 | $: \mid$ |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 2 | $: \mid:$ | 2 | $: \mid$ |
| H3 | $\mid:$ | 2 | $: \mid:$ | 2 | $: \mid:$ |
| H4 | $\mid:$ | 2 | $: \mid:$ | 2 | $: \mid$ |

Pitch Set


## Notes on Transcription

 were scratched out and the alternatives were subsequently written above as $n \sim \sim$


1.2 The opening parenthesis is ignored in the transcription since its function is unclear.
7.1 Orig. 0 . The group is circled and the alternative that is written above is not
 211-9:
8.2.3-4 The first ending of H1 exceeds the usûl cycle by two time units. This is probably because the scribe prolonged the division that is supposed to end on the pitch dügâh. Therefore, the groups in the transcription are adopted from TR-Iüne 211-9.
12.1
24.3 for through the nib of pen. TR-Iüne 207-5, TR-Iüne 211-9: "~~~. Iüne 211-9 ( $2^{\text {nd }}$ lay.):

: this impression may also result from the scribe's untidy handwriting. Transcribed as 211-9 (2 ${ }^{\text {nd }}$ lay.): $\dot{\sim}$.
$26.1 \quad$ See note on 25.1.
H3 starts with an opening parenthesis. The scribe probably aimed to make the transition between the hânes more noticeable. Therefore, it is ignored in the transcription.
28.2

See note on 24.3.
34.1

See note on 25.1.
37.3 The opening parenthesis is ignored in the transcription. Its location corresponds to where the first ending starts in the consulted concordances. However, it has no function as the scribe already wrote out the repeated section (starting from div. 35) again, instead of using parentheses to indicate a reprise.

 TR-Iüne 211-9: قَقْشُ,
. The second pitch sign which appears to have been written in superscript was scratched out by a later hand. Transcribed as Iüne 211-9: : درِّرْ .
47.1 $\approx \approx$. The first pitch sign was scratched out by a later hand. Transcribed as ~" $\sim$ 。 TR-Iüne 207-5:
47.3 . 4 . The second pitch sign was scratched out by a later hand. Transcribed as

53.2.1 The pitch sign is blurred due to excessive ink flow through the nib of pen. according to the original layer.
67.3 See note on 24.3.
68.1 See note on 25.1.
69.1


## Consulted Concordances

TR-Iüne 207-5, pp. 35-8; TR-Iüne 211-9, pp. 254-8.

## Kִarcıg̀ār semācī

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. [141], ll. 1-8

Karcığar
Aksak semâî
Gaz semâîsi
—
-
CMOi0386

## Remarks

Only two hânes are notated while the consulted concordances supply four.
The piece is attributed to Sernâyî Alî Bede (d. ca. 1829) in TR-Iütae 107 and TR-Iütae 249.
The Arabic numeral 3 denoting the hâne number is written out although there is no notation given for H3 and H4. Additionally, the next page was left empty, possibly with the intention of adding the missing hânes later.

H2 varies greatly between TR-Iüne 214-12 and the consulted concordances.
The change in ink density in TR-Iütae 107 suggests that $\mathrm{H} 2-\mathrm{H} 4$ were added later. This is also evidenced by the space which the scribe left before the next piece. This implies that he first wrote H1 and left a space, intending to add missing hânes later as is the case in TR-Iüne 21412.

## Structure

| H 1 | $\mid$ | 6 | $\mid$ | $3(\mathrm{~T})$ |
| :--- | :--- | :--- | :--- | :--- |
| H 2 | $\mid$ | 6 | $\mid$ | $3(\mathrm{~T})$ |

The scribe preferred to write out the entire teslîm in H2, despite the fact that it could also be indicated by an asterisk since it is identical with the teslîm of H1.

## Pitch Set



## Notes on Transcription



2.2 设n although it is assumed to denote sixteenth note value in the later part of the piece (e.g. divs. 14-15) where it covers two consecutive pitch signs. Transcribed as
14 : omit.



## Consulted Concordances

TR-Iütae 107, pp. 184-5; TR-Iütae 249, pp. 2359-60.

## Çoban

| Source | TR-Iüne 214-12 |
| :--- | :--- |
| Location | P. [143], 11. 1-6 |
| Makâm | - |
| Usûl | - |
| Genre | - |
| Attribution | - |
| Index Heading | - |
| Work No. | CMOi0560 |

## Remarks

The piece seems to have been written out with a lead pen first, then subsequently written over with an ink pen, except for the heading.
Neither any makâm nor usûl is indicated in the heading or index since the piece probably does not belong to the Makâm Music Corpus. The heading Çoban (shepherd) suggests that it may belong to a folk music repertoire where pastoral themes are used frequently. When it is assumed that the divisions before the repetition signs (ken letters) are the last divisions of the usûl cycle, the usûl appears to have 46 beats ( $6+6+6+6+6+6+4$ ) in total, which also supports the argument that the piece may belong to the folk music repertoire rather than the Makâm Music Corpus. In this regard, only the melodic line is transcribed.

## Structure

$$
\text { |: } 8 \quad \text { :|: } 8 \quad \text { :| }
$$

It is assumed that the marking which looks like an Armenian ken letter at the end of usûl cycles indicates a repetition.

## Pitch Set



## Notes on Transcription

3.3.2 $\quad \approx$. The pitch sign appears again at div. 11.3 .2 as part of the similar structure and this time there appears to be no kisver above it. Accordingly, the usage of kisver here might be a scribal error.
7.1.2 The duration symbol above the pitch sign looks like a double stroke. But since it does not provide the correct time value for this group it is transcribed as a circle sign which refers to a sixteenth note value. The first layer written with a lead pen also appears to supply a circle sign. The similar phrase appears at div. 15.1 as part of a repeated structure and this time the duration sign appears as two dots one on top of another.
7.2.2 The marking above the pitch sign is very similar to one in div. 15.1.2 (two dots one on top of another). But one of the dots appears to be slightly bigger and this may also be a small kisver due to sloppy handwriting by the scribe. Also, the same phrase appears with a kisver at div. 15.2.2, as a part of a repeated structure. In this regard, the pitch sign is transcribed as $\stackrel{\circ}{\circ}$.
15.1.2 Cf. 7.1.2.

# Şeh-nāz būselik semācī 

Source
TR-Iüne 214-12
Location
P. [i], ll. 1-7

Makâm
Usûl
Genre
Attribution
Şehnâz bûselik
Aksak semâî
Gaz semâîsi

Index Heading
Work No.
CMOi0275

## Remarks

Only three hânes are available while the consulted concordances supply also H4, which is in usûl sengîn semâî.
There is a water stain below the heading.
The piece is attributed to Şâkir Ağa (1779-1837) in TR-Iütae 249.
In the piece there are duration signs that seem to belong to different conventions of Hampartsum notation. For example, to indicate the sixteenth note value, there are both circle (.) and tie-like signs which were probably notated by different hands.

## Structure

| H1 | $\mid$ | 4 | $\mid$ | $3(\mathrm{~T})$ |
| :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid$ | 4 | $\mid$ | $3(\mathrm{~T})$ |
| H3 | $\mid$ | 4 | $\mid$ | $3(\mathrm{~T})$ |

## Pitch Set



The shape of bayâtî/hisâr pitch sign differs from nevâ, not only with the kisver but also with the kisver-like bottom part instead of a straight line. The scribe might have intended to indicate also the pitch dik hisâr by this differentiation.

## Notes on Transcription


2.3.1 The pitch sign is partly blurred due to ink smearing.
4.2 Orig. ص. 1 . It seems that the last pitch sign was erased by the scribe.
7.3 Orig. . The original group is scratched out and an alternative is written above as $\%$. There is assumed to be a kisver above the last pitch sign on the

 intervention of the scribe.
9.3 Orig.

9.3.5 $\quad \approx$ for $\boldsymbol{\approx}$. TR-Iütae 249:
10.4 Orig. transformed into a double stroke with an extra stroke added by a later hand. But the second stroke seems to overlap with the division sign.

The asterisk symbol that indicates the teslîm looks distorted due to the scribe's untidy handwriting.
 first pitch sign. Additionally, there was possibly an erroneously written octave symbol below the second pitch sign. However, it seems to have been subsequently scribbled out by a later hand.

## Consulted Concordances

TR-Iütae 249, p. 1776.

# Nihāvend 'Ossmān Beğ devr-i kebīr 

Source
Location
Makâm
Usûl
Genre
Attribution
Index Heading
Work No.

TR-Iüne 214-12
P. iv, l. 1 - p. ii, l. 1

Nihâvend
Devr-i kebîr
Peşrev
Büyük Osmân Bey (1816-1885)
—
CMOi0561

## Remarks

The piece is notated upside-down on the pages prior to the manuscript index. The heading is centered at the top of the page unlike the usual practice of the scribe in other pieces.
The scribe uses a hash symbol (\#) instead of an asterisk to indicate the teslîms.
H3 runs in without any line break unlike the usual practice of the scribe. Thus the Arabic numeral 3, which denotes the hâne number, was written twice. One is at the page margin as usual; the other one is inside the notation line (between the last group of H 2 and the first group of H3). The scribe or a later hand probably wanted to make the transition between hânes more noticeable.

In the piece there are duration signs that seem to derive from different conventions or time periods. For example, to indicate the dotted eighth note value, the scribe uses both the thin single stroke () and hook sign ( ). The hook sign is usually used for a fixed value of dotted eighth in HNER. This suggests that the scribe may have copied this piece from another source featuring different conventions of Hampartsum notation and then subsequently added the other duration symbols according to his own knowledge.

## Structure

| H1 | $\mid:$ | 3 | $\mid$ | $1(\mathrm{~T})$ |
| :--- | :--- | :--- | :--- | :--- |
| H2 | $\mid:$ | 3 | $\mid$ | $1(\mathrm{~T})$ |
| H | $:$ |  |  |  |
| H3 | $\mid:$ | 3 | $\mid$ | $1(\mathrm{~T})$ |
| H4 | $:$ |  |  |  |
| H | : | 3 | $\mid$ | $1(\mathrm{~T})$ |
| H | $: \mid$ |  |  |  |

## Pitch Set



## Notes on Transcription

13.2.1 There is a blurred ink stain above the pitch sign.
46.1.2 There is an unintentional dot below the pitch sign.
48.4 There is a blurred ink stain behind the group due to a corrective intervention by the scribe.
54.1.2 There is a symbol which looks like a tiz segâh above the pitch sign. It is probably another variant of "" and has the same function; it is transcribed as a repeated eighth note.
60.1

It seems that the scribe had mistakenly written $\sim$ as the first pitch sign which he subsequently erased.

## Consulted Concordances

TR-Iütae 107, pp. 374-5; TR-Iütae 108, p. 185; TR-Iüne 213-11, pp. 36-9.


[^0]:    ${ }^{1}$ The manuscripts are today in the Bibliothèque nationale in Paris, shelfmark Supplément Turc 292, and in the British Library in London, shelfmark Sloane 3114. For a critical edition of Supplément Turc 292, see Judith I. Haug, Ottoman and European Music in 'Alī Ufuk,i's Compendium, MS Turc 292: Analysis, Interpretation, Cultural Context. Volume 1: Edition and Volume 2: Critical Report (= Schriften zur Musikwissenschaft aus Münster | Writings in Musicology from Münster, founded by Prof. Dr. Klaus Hortschansky, edited by Prof. Dr. Ralf Martin Jäger, Volume 26), Münster 2020 [Online: Volume 1 https://repositorium.uni-muenster.de/document/miami/491e5d83-56d4-4555-8e5f-a41ed04df6f4/ha ug_buchblock_vol1.pdf, Volume 2 https://repositorium.uni-muenster.de/document/miami/491e5d83-56d4-4555-8e5f-a41ed04df6f4/haug_buchblock_vol2.pdf]. Analysis and interpretation of the manuscript in cultural context in Judith I. Haug, Ottoman and European Music in 'Alī Ufukiki's Compendium, MS Turc 292: Analysis, Interpretation, Cultural Context. Monograph ( = Schriften zur Musikwissenschaft aus Münster | Writings in Musicology from Münster, founded by Prof. Dr. Klaus Hortschansky, edited by Prof. Dr. Ralf Martin Jäger, Volume 25), Münster 2019 [Online: https://repositorium.uni-muenster.de/document/miami/cdcbc9ca-52a4-4f05-9665-f0df9eca6292/haug buchblock.pdf].
     Araştırmaları Enstitüsü Kütüphanesi (Istanbul), Arel Koleksiyonu no. 100 (RISM TR-Iütae 100). Scholarly editions in Owen Wright, Demetrius Cantemir. The Collection of Notations. Part 1: Text ( = SOAS Musicology Series 1), London 1992, and Yalçın Tura, Kantemiroğlu. Kitābu ${ }^{\text {illmill-Mūsīkī }}{ }^{〔}$ alā vechi'l-I Hurūfāt, 2 vols, Istanbul 2001. Partial editions in Eugenia Popescu-Judetz, Dimitrie Cantemir - Cartea ştiinţei muzicii, Bucharest 1973.

[^1]:    ${ }^{3}$ See Mehmet Uğur Ekinci, The Kevserî Mecmûası Unveiled: Exploring an Eighteenth-Century Collection of Ottoman Music, in Journal of the Royal Asiatic Society 22, pp. 199-225. Critical edition in Mehmet Uğur Ekinci, Kevserî Mecmûası. 18. Yüzyl Saz Müziği Külliyatt, Istanbul 2015.
    ${ }^{4}$ Eugenia Popescu-Judetz, Tanburî Küçük Artin. A Musical Treatise of the 18th Century, Istanbul 2002.
    ${ }^{5}$ Sample editions in Thomas Apostolopoulos and Kyriakos Kalaitzidis, Rediscovered Musical Treatises. Exegeses of Secular Oriental Music Part 1, Bucharest 2019.

[^2]:    ${ }^{6}$ Kurt Reinhard, Grundlagen und Ergebnisse der Erforschung türkischer Musik, in: Acta musicologica XLIV, ed. by Hellmut Federhofer, Basel 1972, pp. 266-280, here: p. 267. The original quote reads: „alle Quellenangaben fehlen, die Dichter oft nicht genannt sind und nur sehr selten kritische oder erläuternde Anmerkungen vorhanden sind".

[^3]:    ${ }^{7}$ Current information on the CMO project is provided by the trilingual website (https://www.uni-muenster.de/CMO-Edition/en/index.html). The source catalog and the CMO editions can be accessed via a separate online portal (https://corpus-musicae-ottomanicae.de/content/index.xml).

[^4]:    ${ }^{8}$ The most important source is Kōnstantínos Prōtopsáltēs, Ermēneia. Tēs Eksōterikēs Mousikēs, Constantinople 1843.

[^5]:    ${ }^{9}$ Cf. Ralf Martin Jäger, Türkische Kunstmusik und ihre handschriftlichen Quellen aus dem 19. Jahrhundert ( = Schriften zur Musikwissenschaft aus Münster 7, ed. by Klaus Hortschansky), Eisenach 1996.

[^6]:    ${ }^{10}$ An overview of the two edition parts with the planned series is available online at https://corpus-musicae-ottomanicae.de/content/edition/browse.xml. The editions published to date can also be accessed via the editions overview.

[^7]:    ${ }^{1}$ Since TR-Iboa 355 is compiled of mixed loose sheets, only a part of it (img. 214-344) is included in this study. This part probably makes up the main source from whence many pieces in both TR-Iüne 214-12 and TR-Iüne 211-9 were copied. However, the pages are in an irregular order. Some of the sheets belonging to this series are even mingled with the loose sheets of another manuscript (TR-Iboa 353) in the archive. In this regard, the original pagination of the loose sheets is provided in the Appendix for a better understanding regarding the relations between the mss.

[^8]:    ${ }^{2} 7$ out of 64 pieces are fully or partially available in TR-Iboa 353. See Appendix for the list.

[^9]:    ${ }^{3}$ Since TR-Iboa 355 is compiled of loose sheets, the original pagination suggests there are missing sheets, e.g. TR-Iboa 355b, pp. [58-79], TR-Iboa 355b, pp. [111-4]. In this regard, those lost sheets may contain the pieces which the remaining six pieces in the first part of TR-Iüne 214-12 were copied from. ${ }^{4}$ Cf. 'TR-Iboa 355, img. 264', 'TR-Iboa 355, img. 228', 'TR-Iboa 355, img. 230' and 'TR-Iboa 355, img. 333'.

[^10]:    ${ }^{5}$ The same seal also appears next to the usûl table at TR-Iüne 211-9, p. [261], and this could indicate that the usûl table might have been transcribed by Mehmed Râşid himself.
    ${ }^{6}$ See JÄGER 1995, p. xlv.
    ${ }^{7}$ See TR-Iboa 356, img. 204.

[^11]:    ${ }^{8}$ Translit. by Dr. Neslihan Demirkol.
    ${ }^{9}$ See 'HR.TH. 302/67 (M-04.05.1904)'
    ${ }^{10}$ The name 'Reşid' may also have been erroneously written as 'Râşid' in some documents. See 'İ.DH. 475-31920 (H-23.01.1278)', 'А.\}МКТ.МНM 474/42 (H-02.01.1291)' and ‘İ.DH. 696-48691 (H14.01.1292)' in DOA.
    ${ }^{11}$ Cemil 2002, p. 114.
    ${ }^{12}$ See 'ML.EEM. 416/58' in DOA.
    ${ }^{13}$ NATM/[I], p. 235.
    ${ }^{14}$ See the introduction of the edition of TR-Iüne 207-5 by Salah Eddin Maraqa.

[^12]:    ${ }^{15}$ Sâzendegân-ı Hâssâ is called by various names, including ‘İnce Saz Heyeti' or 'Saray Sâzendeleri,' in many other sources. However, it is mostly referred to as Sâzendegân-1 Hâssâ in the archive documents (AydEmir \& TOKER 2013, p. 107).
    ${ }^{16}$ Aydemir and Toker claim that Tanbûrî İsmet Ağa and Santûrî İsmet Ağa refer to the same person, since most of the musicians in the court were multi-instrumentalists at that time (see Aydemir \& TOKER 2013, p. 110). They also claim that Tanbûrî İsmet Ağa was still alive in 1878-79, based on another document in the archive.

[^13]:    ${ }^{17}$ The title and divisions of the usûl cycle suggest that it may belong to the Turkish Folk Music repertoire.
    ${ }^{18}$ Only two divisions of H3 are available.

[^14]:    ${ }^{19}$ Olley 2020, p. 33.

[^15]:    ${ }^{20}$ The first piece in the ms. is attributed to the composer only via his nickname, 'Beñli', in the heading, while the index also supplies the name: 'Beñli Hasan Aġa'. One piece (no. 35) has only the attribution of 'Dede' in both the heading and index. However, we can deduce that the scribe meant 'İsmâil Dede Efendi' based on the information that concordances provide. Thus, it is assumed that these pieces have composer attributions in their headings.

[^16]:    ${ }^{21}$ Asdik Ağa (d. ca. 1913) uses the term 'şûri' to indicate tertiary degrees in his unpublished theory book 'Mētōd. Usulların zarb hēsabı üzērinē' [Translit. by J. Olley], dated to 1890 (see TR-Iboa 490, p. 14).

[^17]:    ${ }^{22}$ NATM/V [Nazarî, Amelî Türk Musikisi (cilt 5)], p. 530.
    ${ }^{23}$ Eražštut'iwn or ē hamarōōt tełekut'iwn eražštakan skzbanc‘ elewēǰut‘eanc‘ ełanakac‘ ew nšanagrac‘ xazic‘ [Translit. by J. Olley] (Brief Information on Principles of Music, Melodic Lines and Khaz Notation). The original ms. of Bžškean' treatise was edited and published with the addition of a preface and annotations by Aram Kerovpyan in 1997.
    ${ }^{24}$ Kerovpyan \& Yilmaz 2010, p. 100.
    ${ }^{25}$ Olley 2020, p. 5.
    ${ }^{26}$ The image is taken from Kerovpyan \& Yilmaz 2010, p. 99.

[^18]:    ${ }^{27}$ As an example of the use of $\star$ in an early source such as TR-Iüne 203-1, Olley writes that it indicates the prolongation of a pitch. He then gives further possible interpretations of $\alpha$ in a table, hence emphasizing its relative equivalence depending on the context. See Olley 2020, pp. 65-6.
    ${ }^{28}$ TmAS I, p. 111. Öztuna then states that this information was taken from 'Ermeni Yıllığ1 [Armenian Annual], İstanbul 1931, pp. 202-3' with the help of K. Pamukciyan for translation.

[^19]:    ${ }^{29}$ See TR-Iüne 211-9, p. 157 and TR-Iüne 207-5, pp. 21-2.

[^20]:    ${ }^{30}$ The scribe(s) usually did not consider the durational value of any rest sign in a group when notating them; hence the total value was attributed only to the pitch $\operatorname{sign}(\mathrm{s})$, e.g. ${ }^{\sim} s \rightarrow$ d. 子 .

[^21]:    ${ }^{31}$ See divs. 49.1, 50.1 at CMO1-I/11.10.

[^22]:    ${ }^{32}$ See TR-Iboa 490, p. 27.
    ${ }^{33}$ He gives the old usage [ēsgidēn böylē imiş] as $\omega_{n}$ : and then states that it is being used [ýenidēn böylēdir] as $\%$ ״ (hamparţs ${ }^{\text {cum }}$ ) pirimizdēn' (TR-Iboa 490, p. 27).

[^23]:    ${ }^{34}$ See TR-Iboa 490, p. 27.

[^24]:    ${ }^{35}$ In piece no. 14, the scribe omitted the loop sign in H2. This is evident from TR-Iboa 355, which is believed to be the source that the piece was copied from, as explained in 1.3.

[^25]:    ${ }^{36}$ See p. 165 for darb-1 fetih, p. 60 for yürük semâî.

[^26]:    * RISM library sigla of the sheets mingled with the loose sheets of TR-Iboa 353 are indicated in bold.

