DFG Deutsche Forschungsgemeinschaft

UKRI Arts and Humanities Research Council

Practicalities of sharing humanities data

Studying arrangements of nineteenth-century music

University of Oxford

Oxford e-Research Centre

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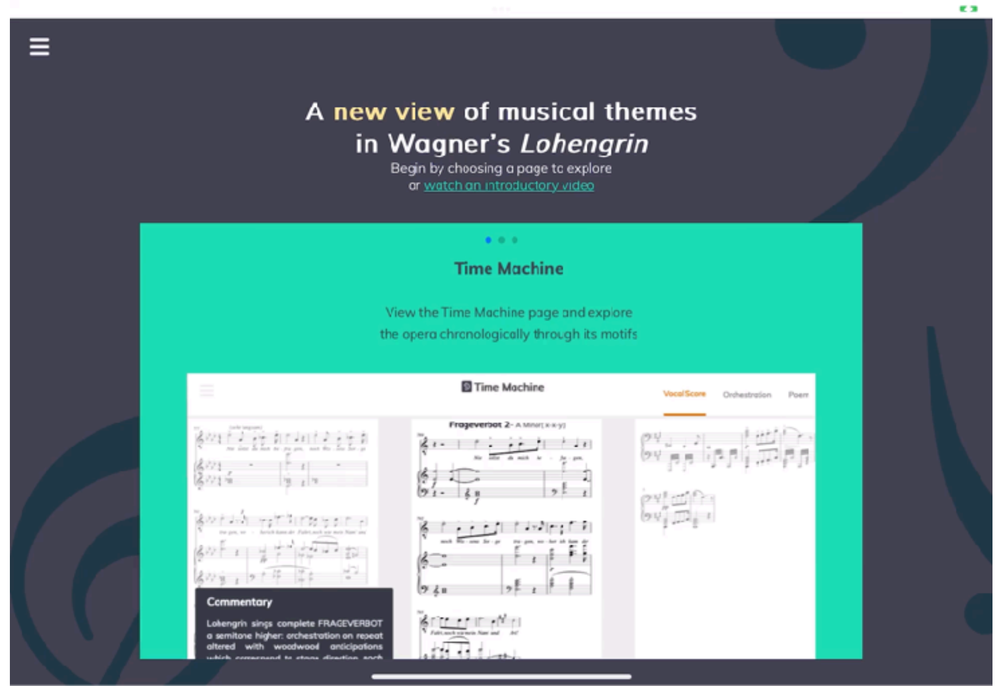
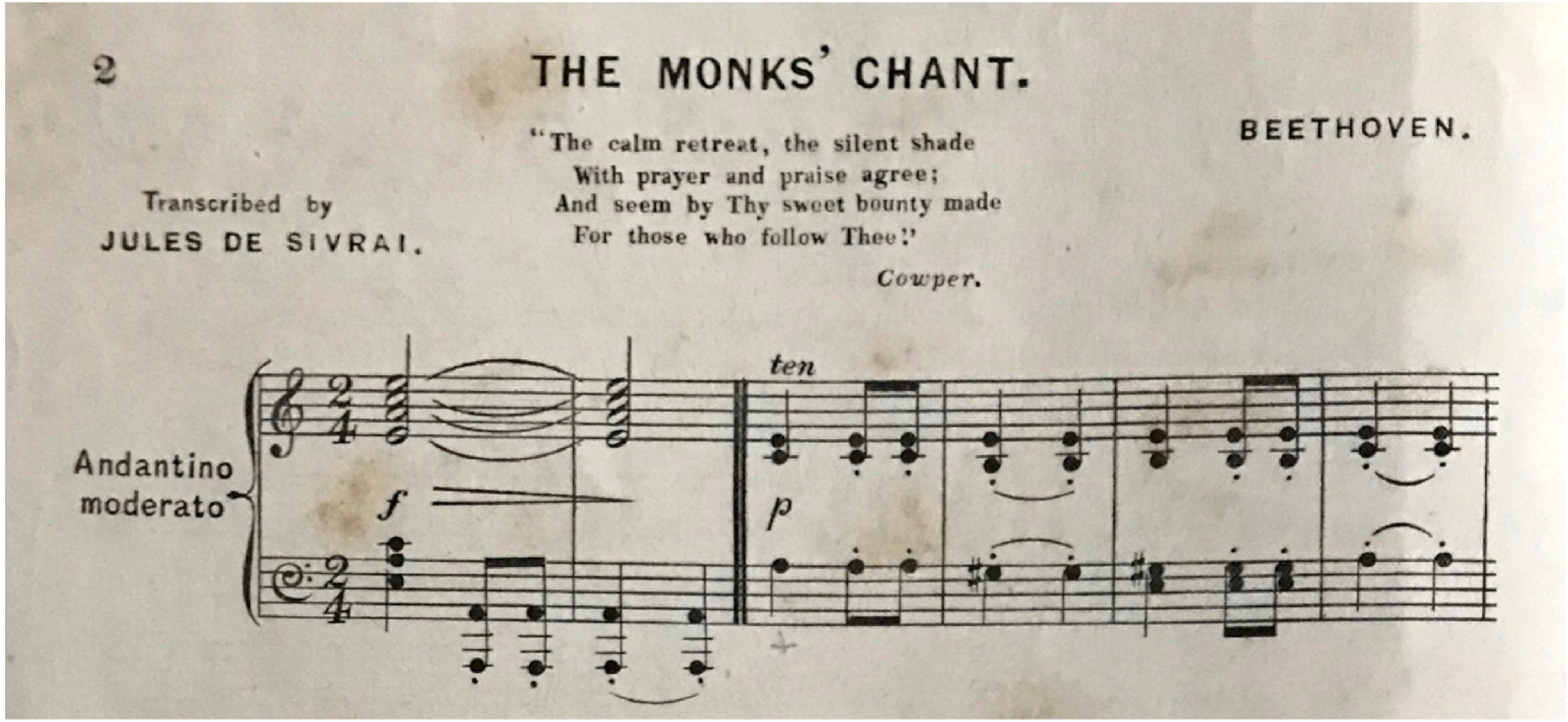
Sharing ‘things’ in a digital domain

- Digitised evidence materials
- Edited or transcribed evidence
- Information
- Features of the content (theme, formal unit, etc)
- Scholarship

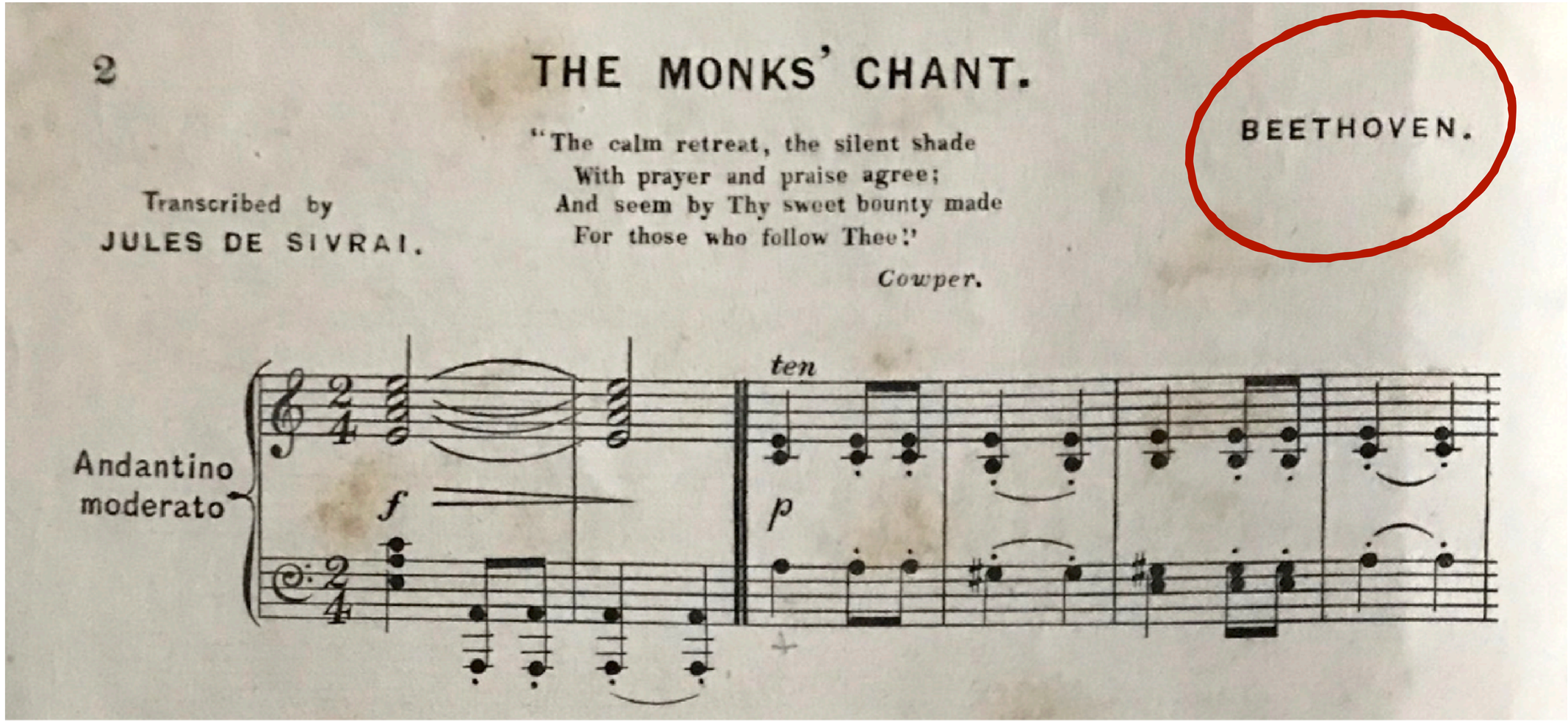


Musical Arrangements

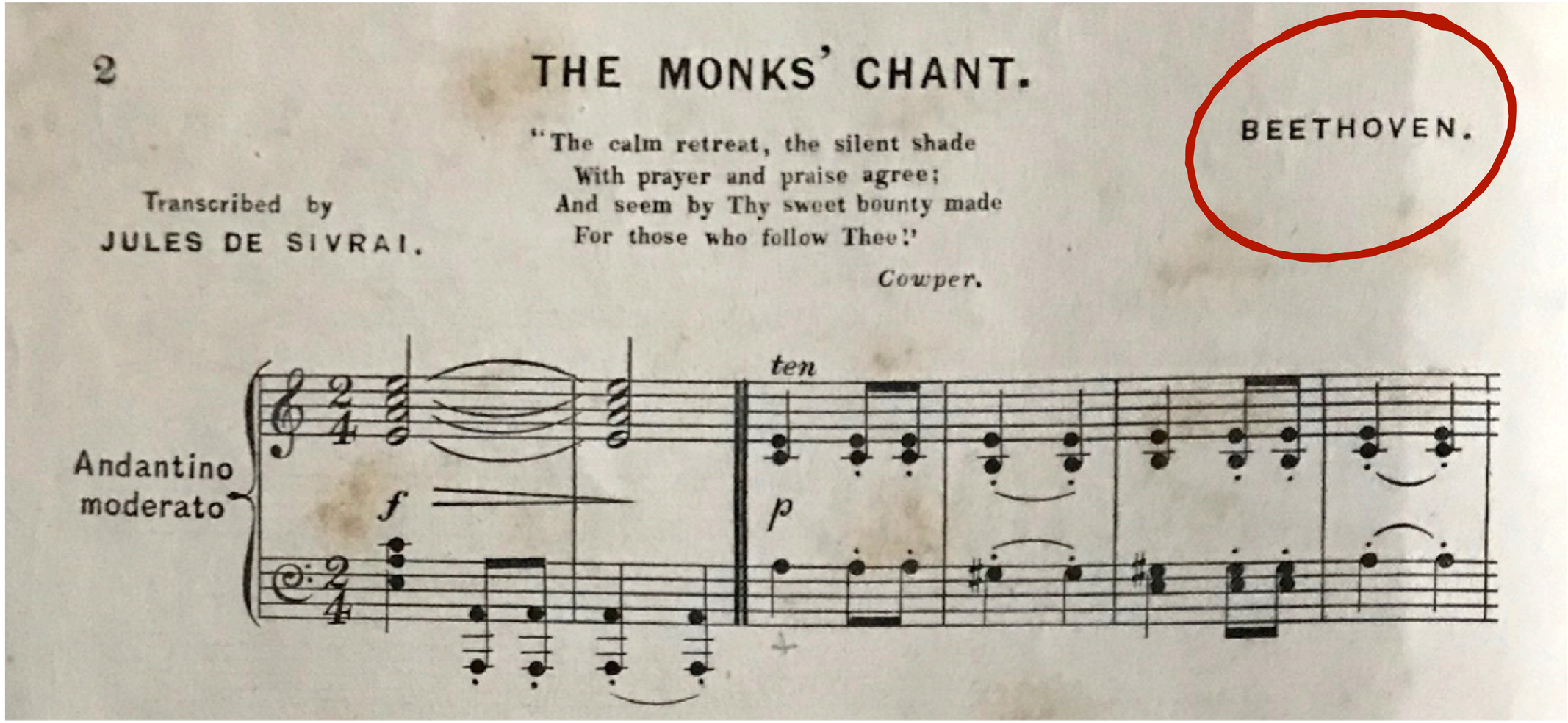


Beethoven, arr. Jules de Sivrai (Jane Röckel), *The Monk's Chant*, (Hutchings & Romer, between 1877 and 1884) [D-BNba C 92 / 50]

= composed by Ludwig van Beethoven (1770-1827)



= composed by https://viaf.org/viaf/32182557/



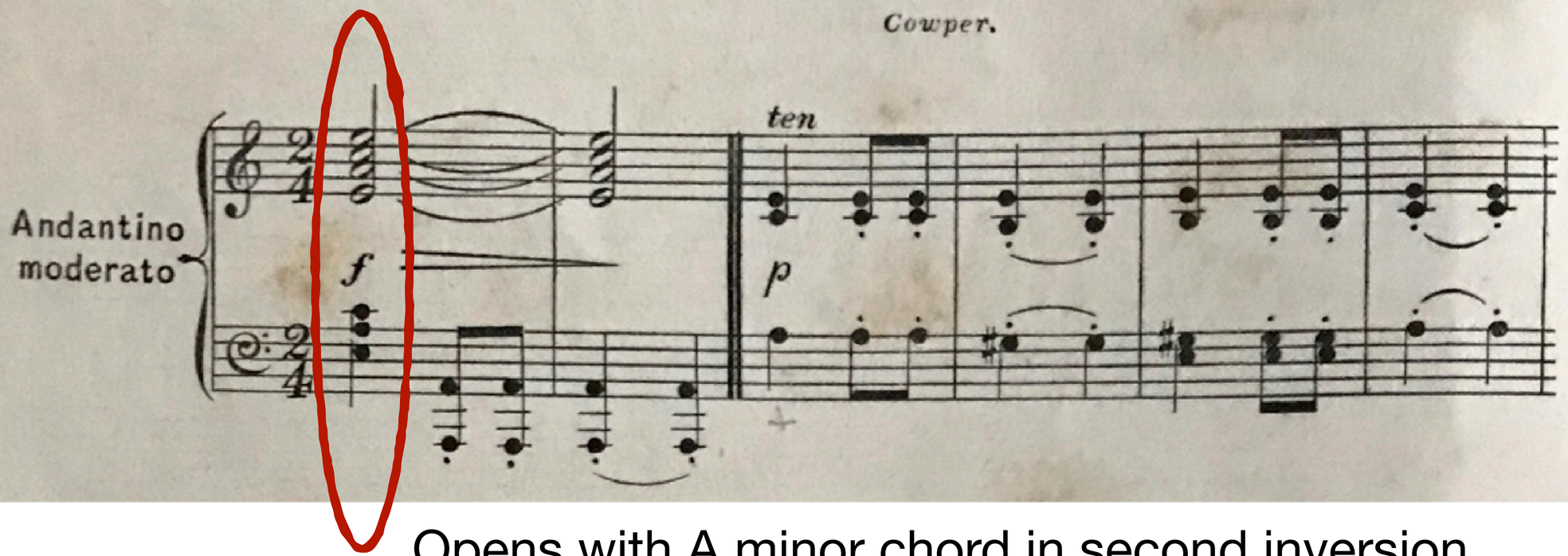
THE MONKS' CHANT.

BEETHOVEN.

"The calm retreat, the silent shade
With prayer and praise agree;
And seem by Thy sweet bounty made
For those who follow Thee!"

Cowper.

Transcribed by
JULES DE SIVRAI.



Opens with A minor chord in second inversion

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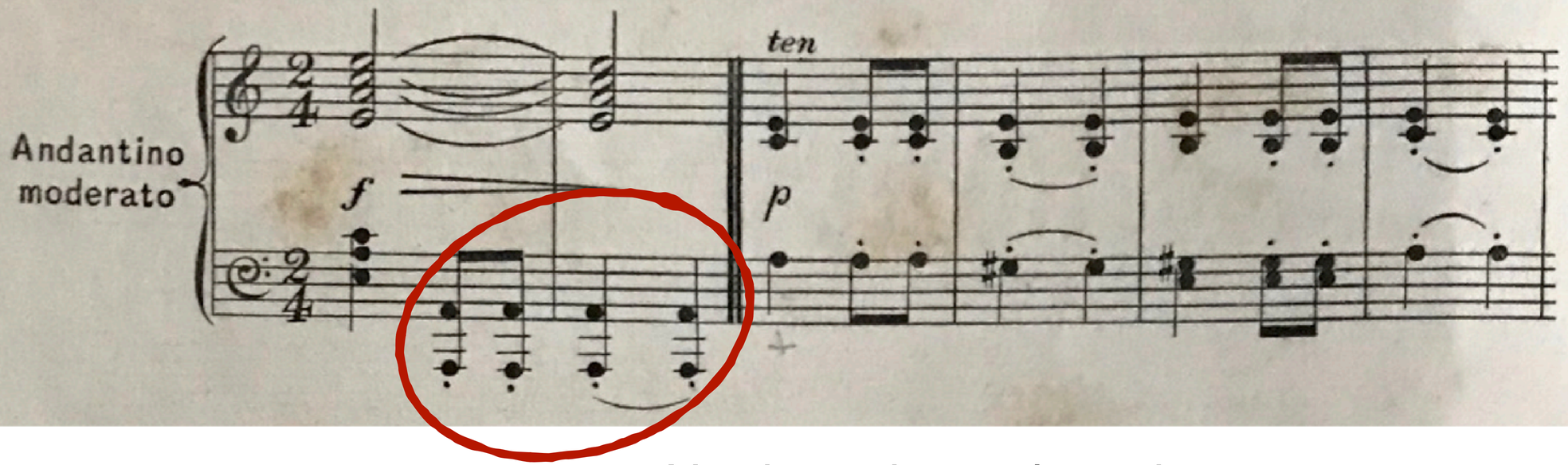

Not in orchestral version

THE MONKS' CHANT.

BEETHOVEN.

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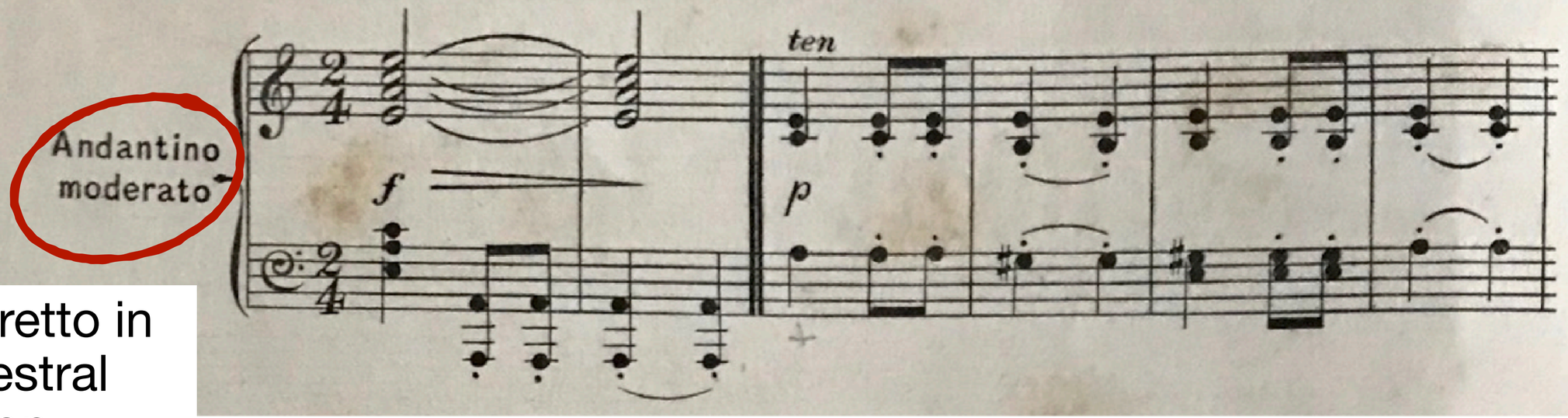
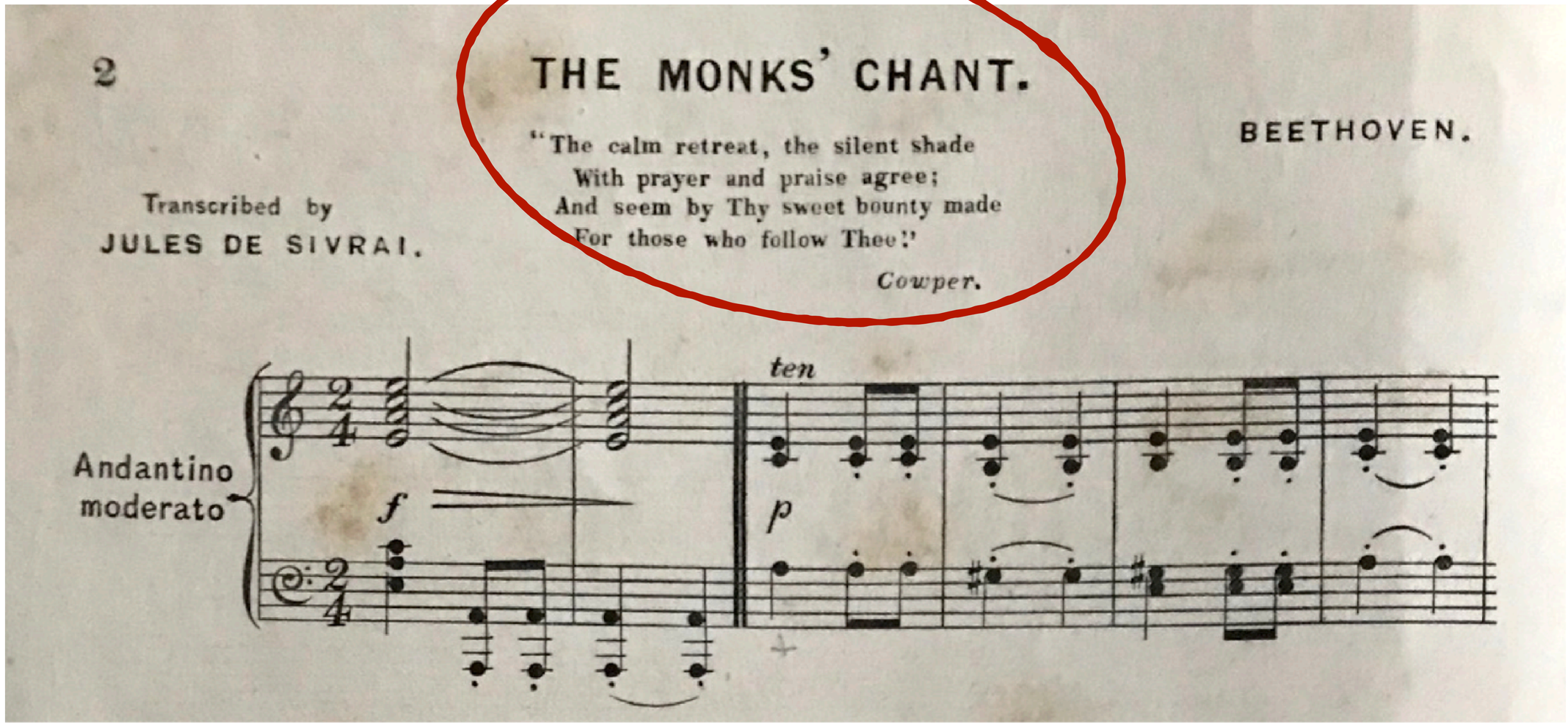
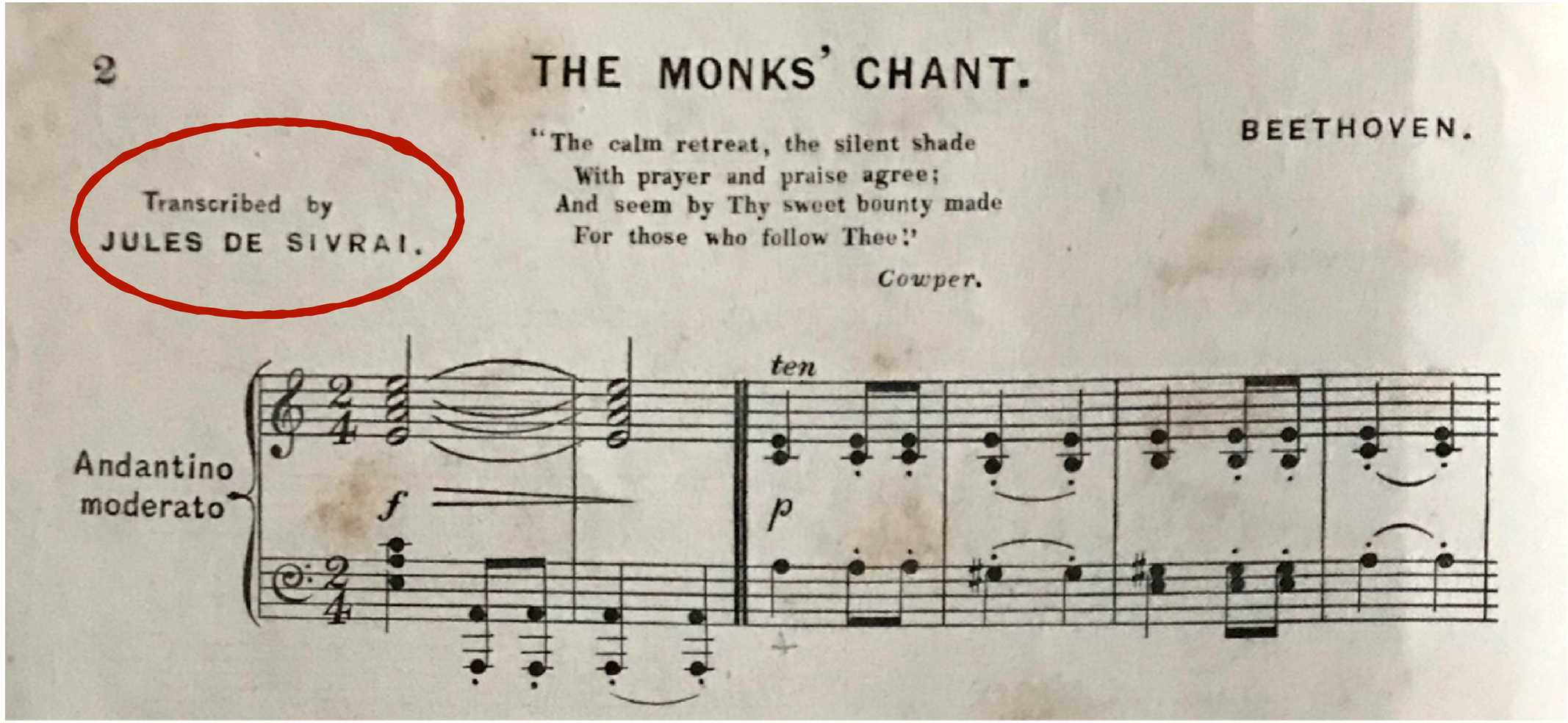


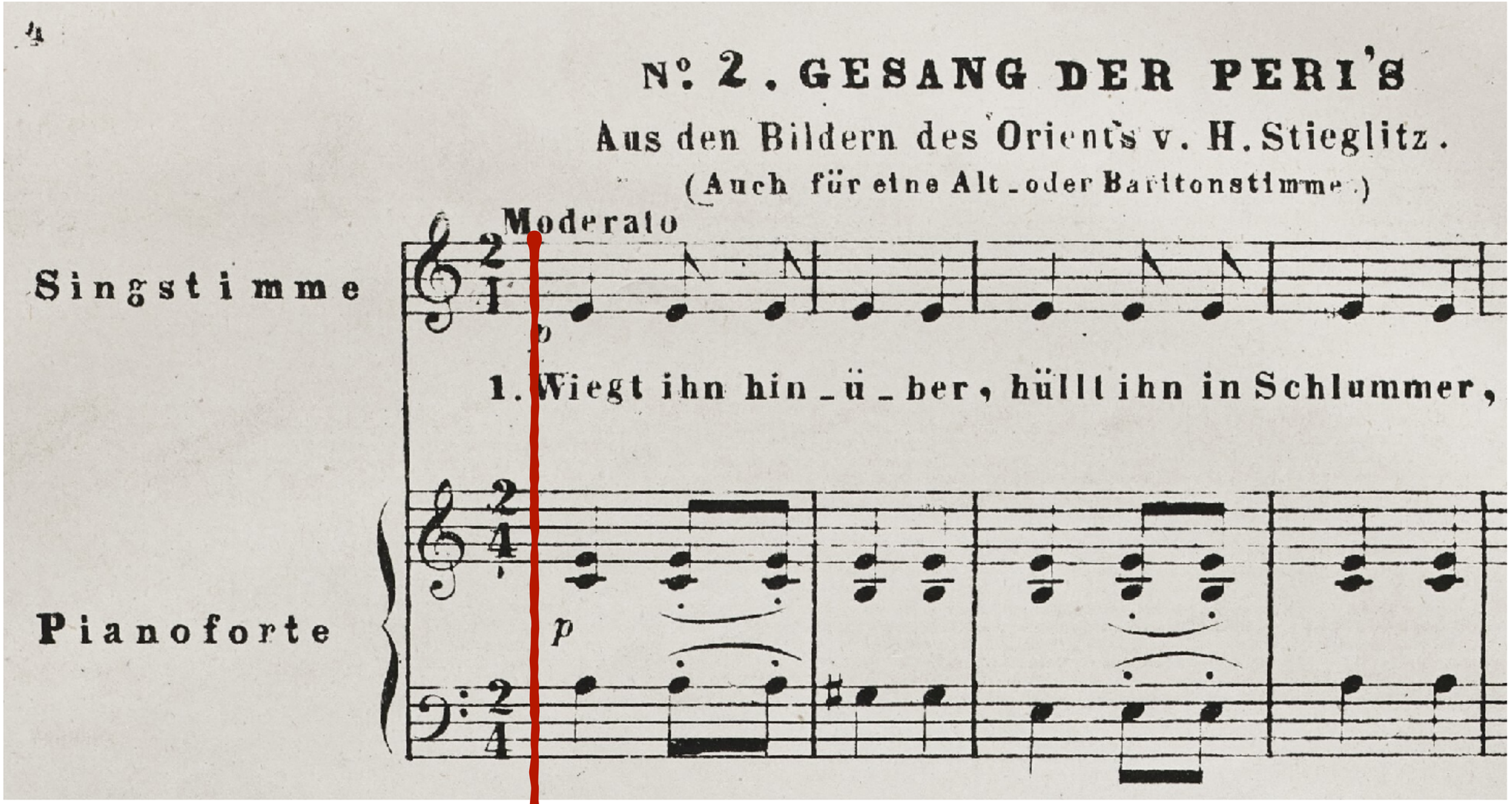
Allegretto in orchestral version

Sacred atmosphere?



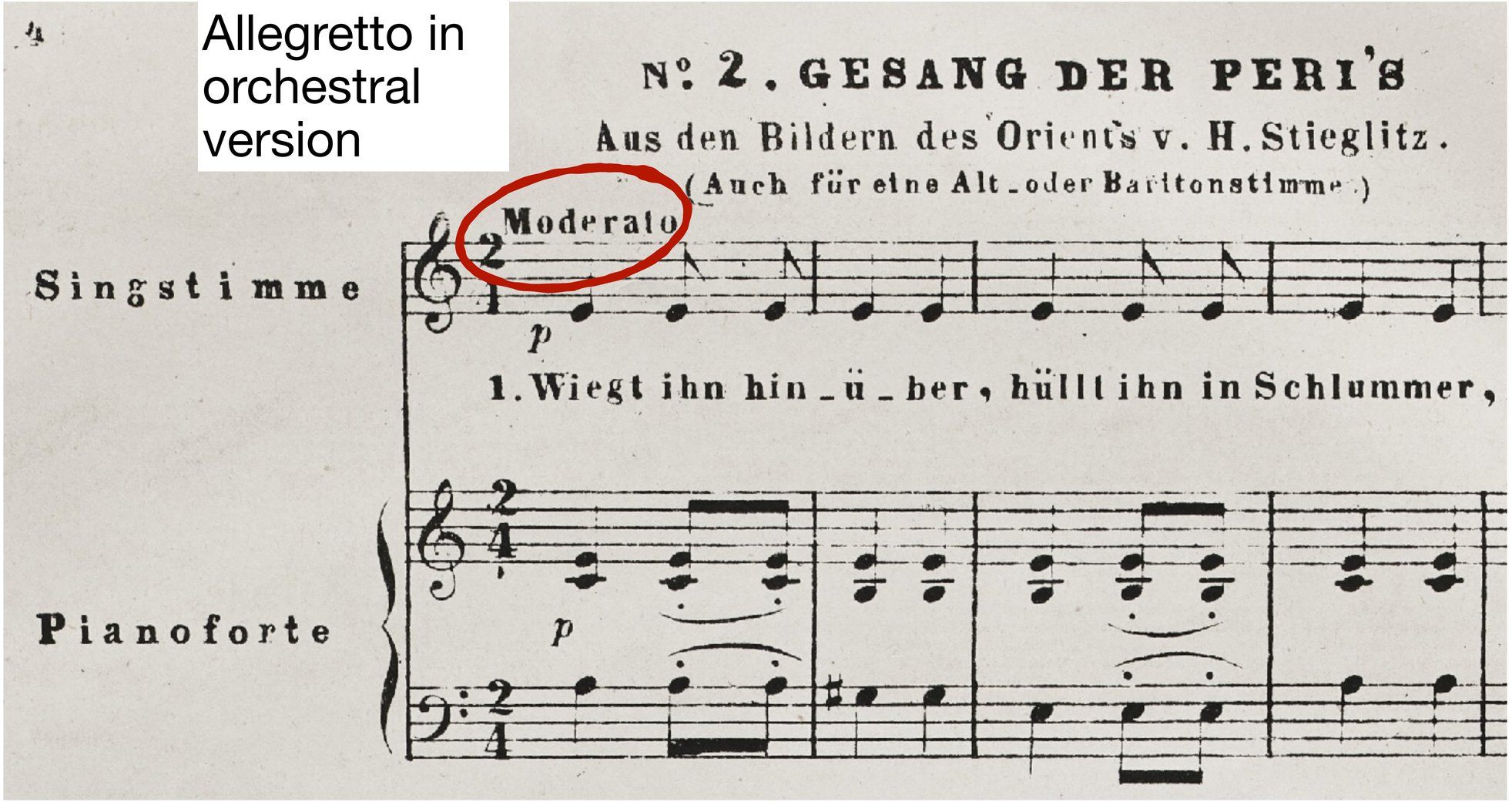
Pseudonym of Jane Röckel

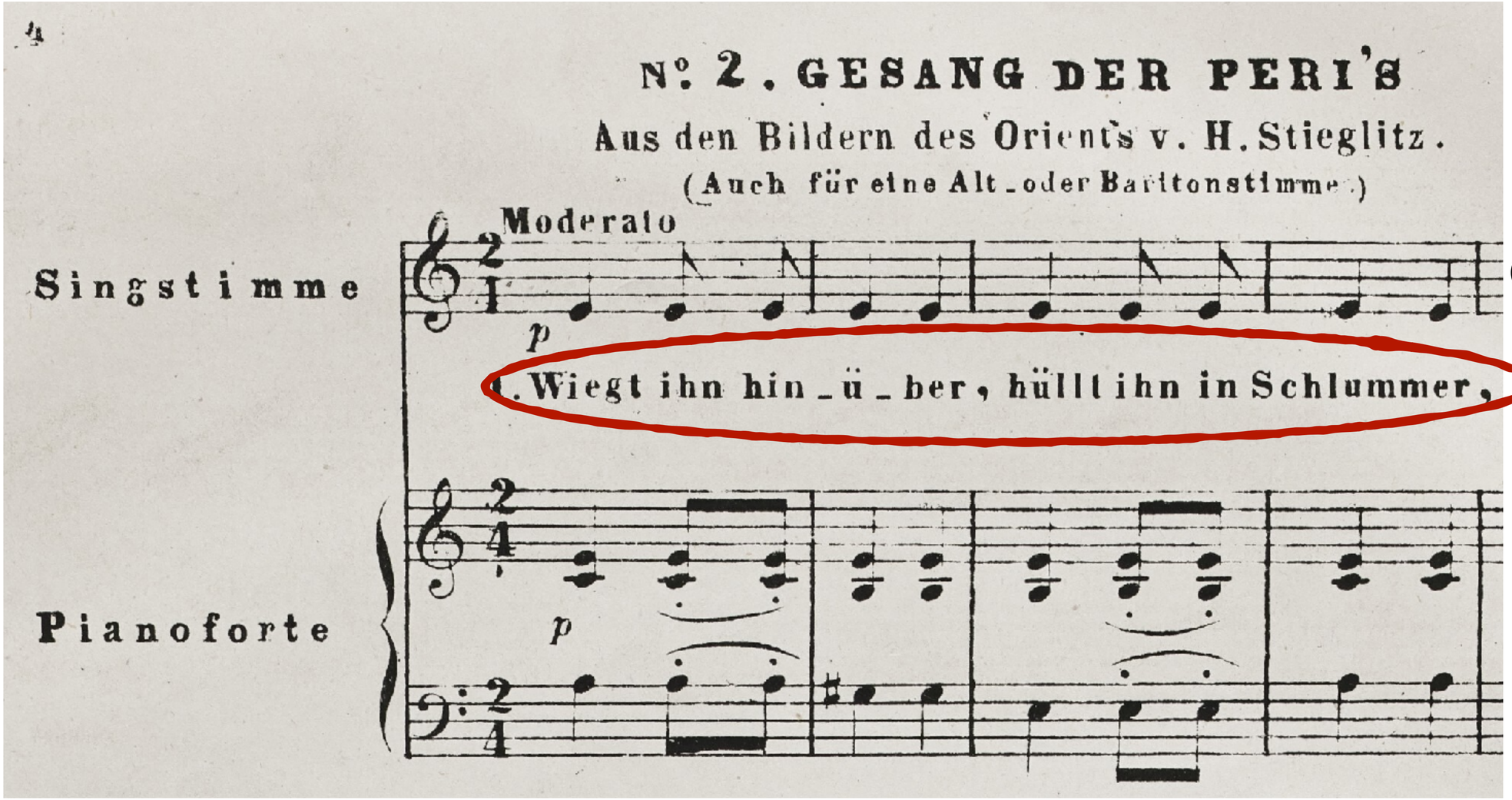




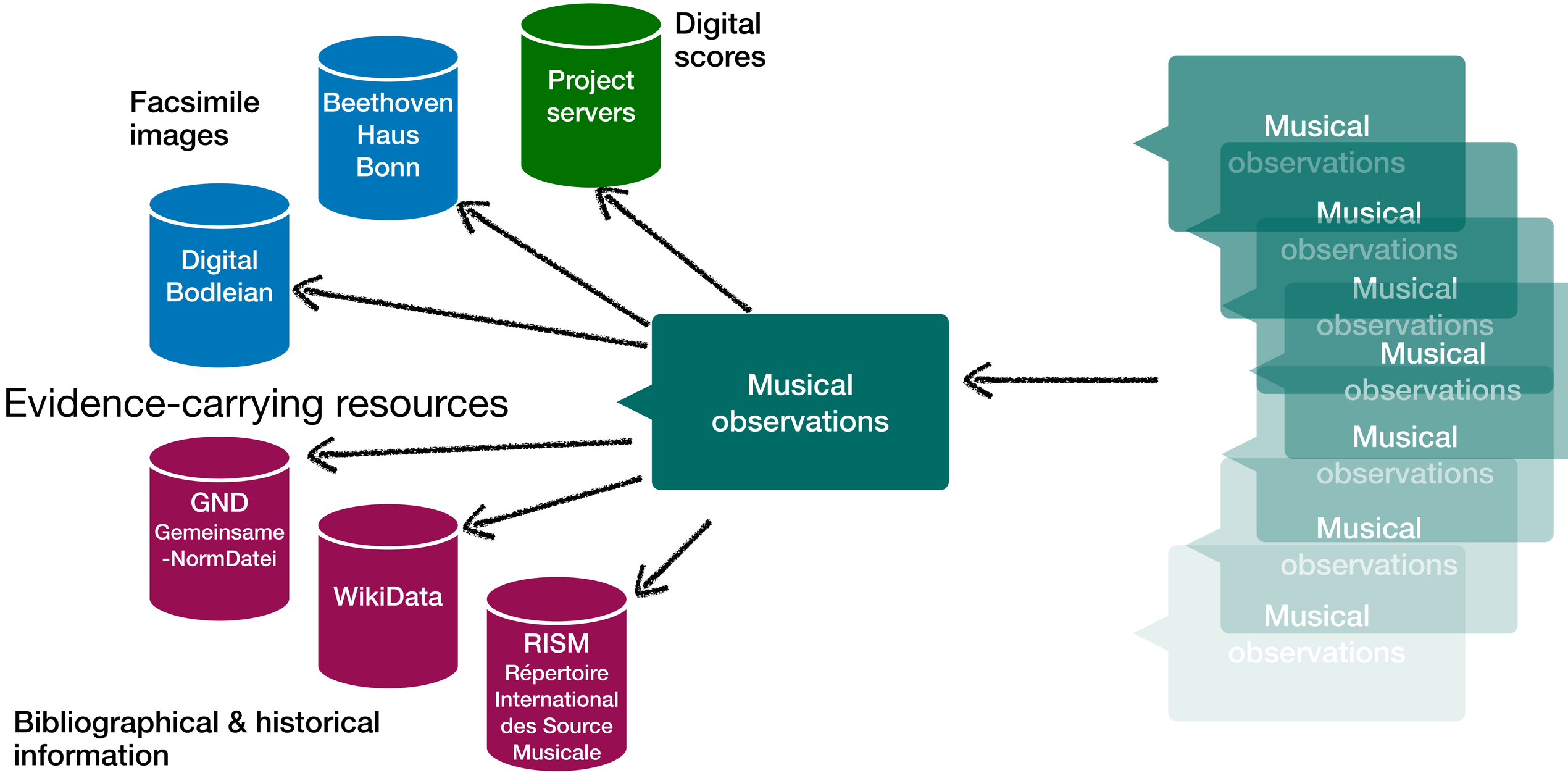
No opening chord

Allegretto in orchestral version





Orientalist poem

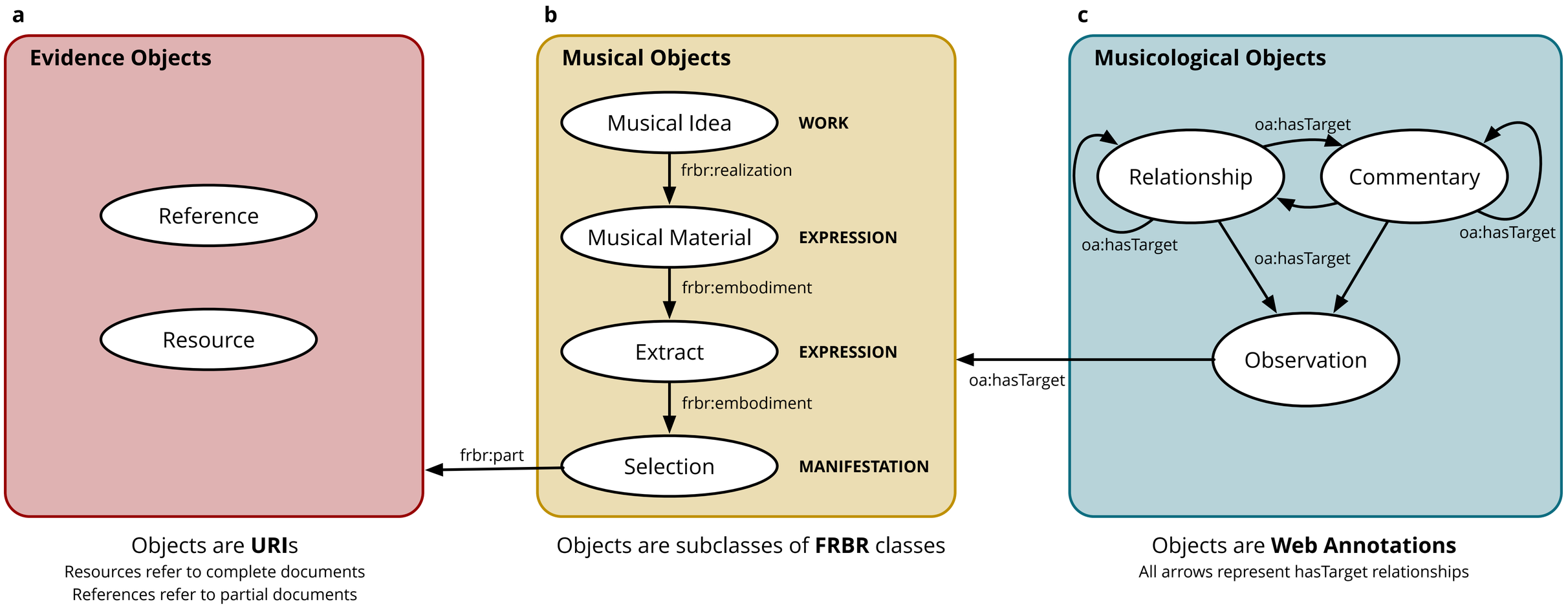

Digital scores
Project servers
Facsimile images
Beethoven Haus Bonn
Digital Bodleian
Musical observations
Musical observations
Musical observations
Musical observations
Musical observations
Musical observations
Musical observations
Musical observations
Evidence-carrying resources
GND Gemeinsame -NormDatei
WikiData
RISM Répertoire International des Source Musicale
Bibliographical & historical information

Modelling our musicology

Digital resources (image, digital score, recording) or parts of them. Specified as URIs.

Structures that select and group **Evidence objects** for annotation

Annotation made by a scholar, representing observations or commentaries.



David Lewis, Elisabete Shibata, Mark Saccomano, Lisa Rosendahl, Johannes Kepper, Andrew Hankinson, Christine Siegert & Kevin R. Page, “A model for annotating musical versions and arrangements across multiple documents and media,” in *DLfM ’22: 9th International Conference on Digital Libraries for Musicology* (ACM, 2022) 10–18.

Annotator

Logout
DigMusicResearcher

Annotator Mode

select | annotate

Observations +

Register difference and handling of bass

Musical Materials +

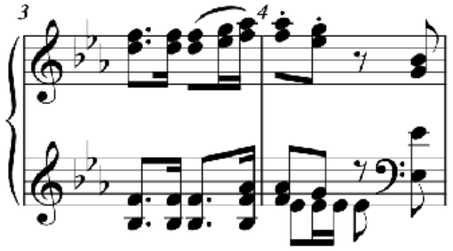
Rule Brittania accomp op.91

Extracts [these can be modified in *select* view]

Augener Accomp Op 91 - Piano (Augener)

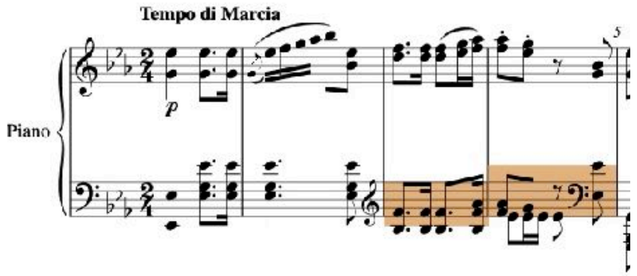
Steiner LH

Op 91 - Piano (Augener), m.3–4

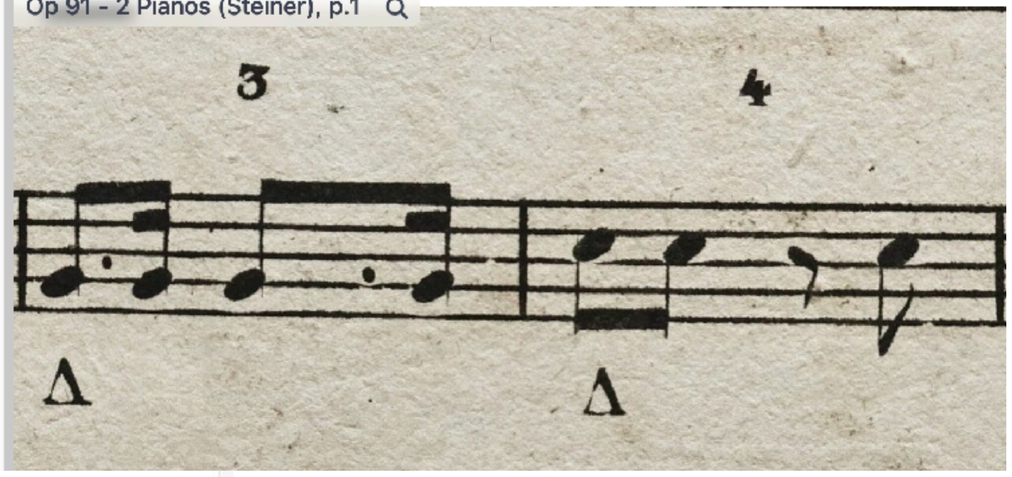


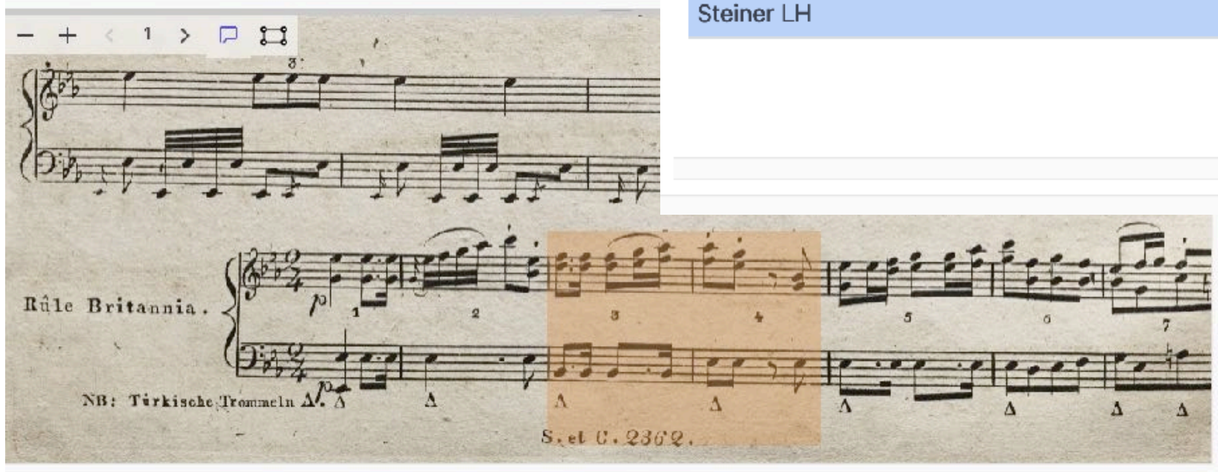
Views Op 91 -...Augener) × Op 91 -...Steiner) ×

Op 91 - Piano (Augener) Rule Britannia



Op 91 - 2 Pianos (Steiner), p.1





Sharing data, sharing models

The Vienna Philharmonic's New Year's Concert Series

Austrian Science Fund (P 34664-G)

Enjoyed live by tens of millions in over 90 countries every year.

One orchestra. Same venue. Many conductors.
A variety of composers and compositions. The same favourites, year after year.

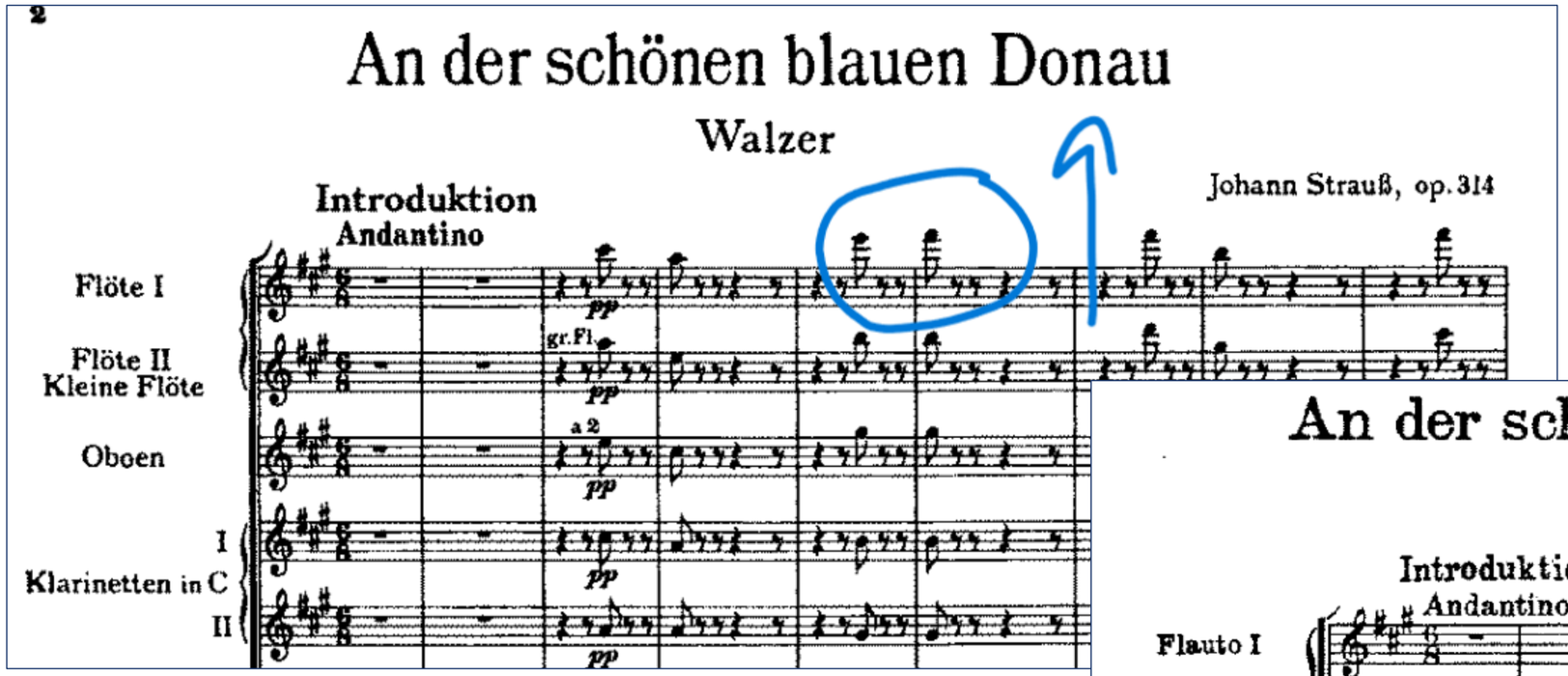
Score encoding. Audio feature extraction. Performance alignment. Digital Musicology. Performance Science.

How do the performances change over time? Can we trace the conductors' influence? Is there a signature Viennese sound, compared to other orchestras' performances? Is it *the same procedure (as) every year*?

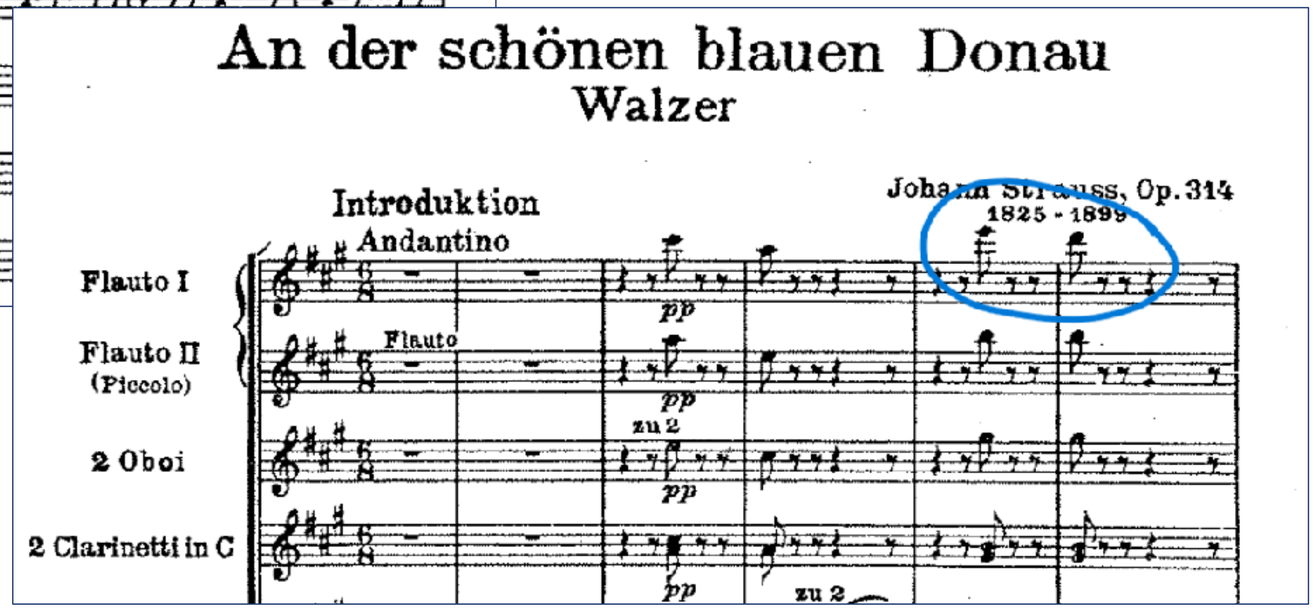
Project: https://iwk.mdw.ac.at/signature-sound-vienna

Photo: Wikimedia Commons, Helenenthal CC BY-SA 4.0

Score(s) / Performanc



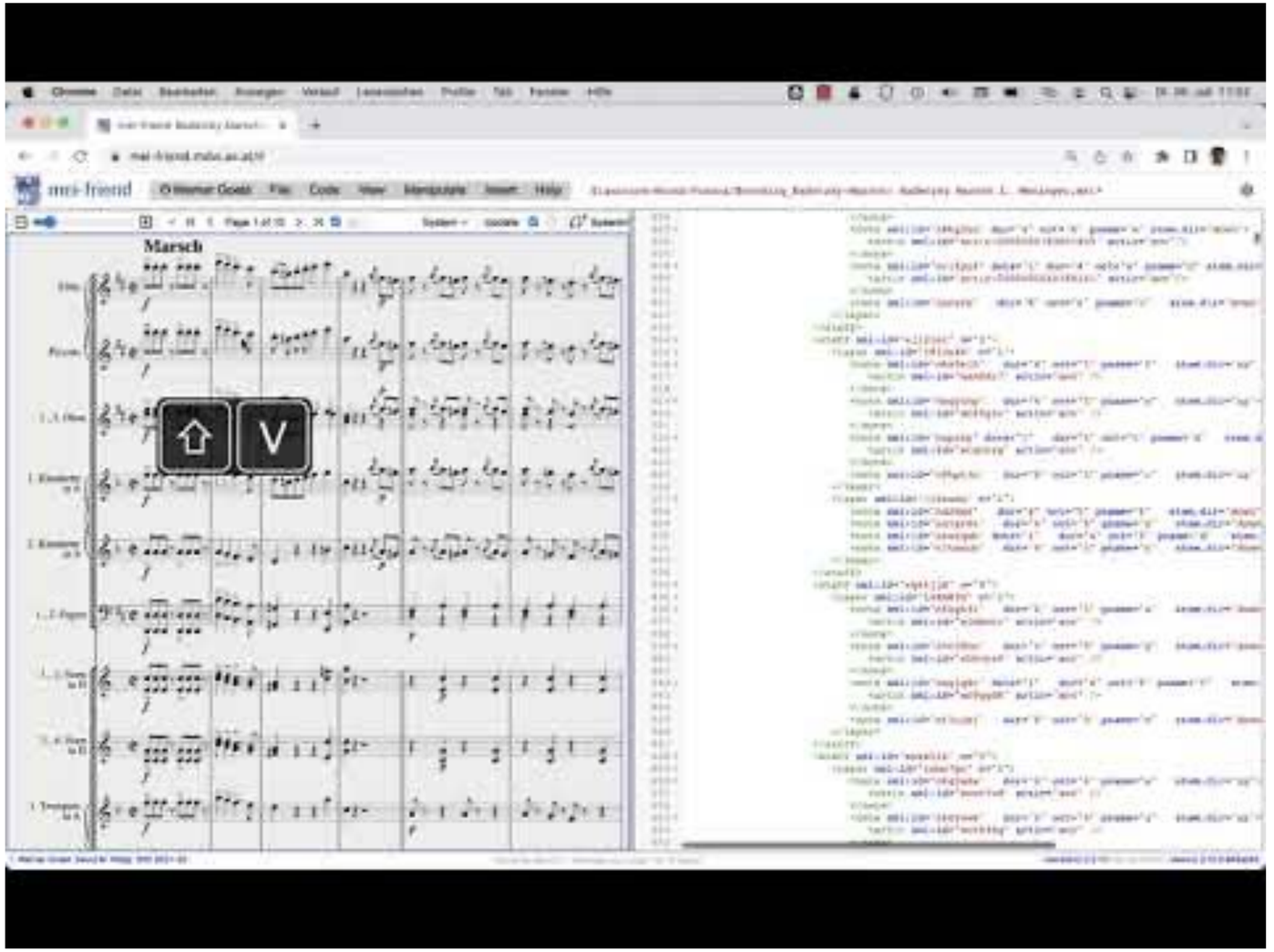
Rot/Strauss Ed. Wien /
Breitkopf & Härtel / Hans Gál



Eulenburg Edition

mei-friend

- Browser-based Web application
- Open-source, with public license
- Editing MEI XML with schema-aware hinting, auto-complete, validation
- Navigating in notation and encoding
- Public repertoire
- Github integration
- Integration of MEI Guidelines
- Remote config via URL parameters
- Facsimile support
- Web Annotations with Solid support



https://mei-friend.mdw.ac.at (GNU Affero General Public License)

(Goebl & Weigl, MEC 2021, 2022)

Introduction to Digital Humanities

When Archives Become Digital

Introduction to the Text Encoding Initiative

Digital Musicology

Humanities Data

Applied Data Analysis

Linked Data for Digital Humanities

From Text to Tech

Digital Cultural Heritage

Digital Texts (online)

3-7 July, 2023

Registration closes: 15 June

Deutsche Forschungsgemeinschaft

Arts and Humanities Research Council

Thank you

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University of Oxford

Oxford e-Research Centre

Goldsmiths University of London