

Selbstbericht im Rahmen der Zwischenevaluation:

**Juniorprofessur für Komposition und Musiktheorie
in postdigitalen Bildungsräumen**

BEGLEITDOKUMENTATION

Anlage 4d: Künstlerisches Werk eins

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Selbstbericht

Begleitdokumentation – Anlage 4d: Künstlerisches Werk eins

Künstlerisches Werk eins: *Sekunden vor Zwölf* – für Streichquartett und Recurrent Audio Variational Autoencoder (RAVE) (2025)

Sekunden vor Zwölf ist ein Werk für Streichquartett und das neuronale Echtzeit-Synthesemodell RAVE (IRCAM) und untersucht kooperative Kreativität durch die Integration von Künstlicher Intelligenz als aktivem Performer. Die Komposition wurde vom Juilliard Center for Creative Technology in Auftrag gegeben und am 28.03.2025 beim Future Stages Festival in New York uraufgeführt. Sie thematisiert ethische Fragen zu Handlungsfähigkeit, Verantwortung und Risiko und fließt in meine Forschung zu Ästhetik, Mensch-Maschine-Interaktion und KI in der Musikpraxis ein.

- ❖ *In diesem Dokument enthalten sind Auszüge aus dem Konzertprogramm, Max/MSP-Patch, vollständige Partitur und Konzertfotos.*
- ❖ *Eine Audioaufnahme des Werks ist unter folgendem Link verfügbar:*
<https://www.researchcatalogue.net/view/3706631/3722812>

Future Stages Festival 1.0



Juilliard

The Juilliard School
presents

Future Stages Festival 1.0

Emerging Art Forms and Technologies

Edward Bilous, Artistic Director

Produced by the Center for Creative Technology
Edward Bilous, Artistic Director

March 22, 27, and 28, 2025
Saturday, Thursday, and Friday at 7pm
Rosemary and Meredith Willson Theater

The Juilliard School celebrates 25 years of technology in performance with the launch of the Future Stages Festival, a series of performances of interactive, multimedia, and transdisciplinary works performed by Juilliard music, dance, and drama students and alumni.

The mission of the Future Stages Festival is to provide opportunities for students in all three of Juilliard's college divisions to explore new ways of creating, collaborating, and performing with emerging technologies.

Juilliard's Creative Enterprise programming, including the Creative Associates program, is generously sponsored by Jody and John Arnhold and the Arnhold Foundation.



Please make certain that all electronic devices are turned off during the performance. The taking of photographs and the use of recording equipment are not permitted.

The Juilliard School
presents

Future Stages Convergence

Friday, March 28, 2025, 7pm
Rosemary and Meredith Willson Theater

EDWARD BILOUS
(b. 1957)

Convergence, a multimedia work for solo voice, solo dancer,
and interactive audio and video design (2001/2025)

Britt Hewitt, Vocalist (live and prerecorded)
Mio Ishikawa, Choreographer and Dancer (live and prerecorded)

David Scherker, Video Design
Kaelen Novak, Unreal Engine Design
Eric Mann, Videography

LAWRENCE IRVING
WILDE
(b. 1991)

Sekunden vor Zwölf (Seconds to Midnight) for string quartet
and Recurrent Audio Variational Autoencoder (RAVE) (2025)
Yiran Wang, Violin
Anthony Poon, Violin
Alison Wang, Viola
Gloria Lee, Cello

RAY LUSTIG
(b. 1972)

Clouds in Single File (2014)
Jessie Montgomery, Violin
Alison Wang, Viola

Performing Remotely:
Lauren Conroy, Violin
Yiran Wang, Violin
Airi Yoshikowa, Violin
(played in first Beyond the Machine performance)
Brian Jennings, Viola
Marco Sabatini, Viola
Kayla Williams, Viola

Pause

EMRE ŞENER
(b. 2001)

Sinking Under (2023)
Sooah Jeon, Alto Flute

MARI KIMURA
(b. 1962)

Rossby Waving (2017)
Anthony Poon, Violin

ISABELA TANASHIAN
(b. 1998)

pipe dream (2025)
Isabela Tanashian, Voice

Pause

STEVE REICH
(b. 1936)

Electric Counterpoint for electric guitar and tape (1987)
David Rourke, Electric Guitar

Recorded Tracks
David Rourke, Electric Guitar
Dan Chmielinski, Bass Guitar

David Scherker, Video Design
Kaelen Novak, Unreal Engine Design
Eric Mann, Videography

Performance time: approximately 1 hour and 30 minutes, without an intermission

Notes on the Program

Convergence

Convergence was my first work that featured musicians and dancers collaborating across disciplines with interactive technologies. The media, which includes prerecorded and electronic music, dance video, and animation, is processed in real time by both a vocalist and a dancer. The result is a transdisciplinary work in which the music, movement, and digital media blend to become an indivisible whole. *Convergence* was first performed to celebrate the opening of the Willson Theater and the coming together of artists, designers, and technologists. It has been updated to include AI generative technology to assist in audio and video processing. The musical score is based on excerpts from Cantata 45: *Es ist dir gesagt, Mensch*, by J.S. Bach. This performance of *Convergence* celebrates the coming together of artists, designers, and technologists at the Center for Creative Technology and the Future Stages Festival.—**Edward Bilous**

Sekunden vor Zwölf (Seconds to Midnight)

Sekunden vor Zwölf explores the intersection of human expression and artificial intelligence, bridging tradition and innovation through the pairing of a string quartet with RAVE (Recurrent Audio Variational Autoencoder), an advanced machine learning model developed at IRCAM (Institut de Recherche et Coordination Acoustique/Musique) in Paris. RAVE, designed for real-time sound synthesis and audio generation, serves as an “invisible fifth performer”—an entity that listens, responds, and transforms the quartet’s music in real time. Throughout the composition, the string quartet acts as both catalyst and collaborator, generating a rich tapestry of evolving motifs and gestures. RAVE, in turn, functions as a digital counterpart, processing, transforming, and reinterpreting these sounds, creating an ever-evolving dialogue between the acoustic and the synthetic. The interaction between the quartet and the AI system is fluid and reciprocal—neither fully dominates, yet each influences the other, illustrating a symbiotic relationship between human creativity and machine intelligence. Beyond its sonic innovations, *Sekunden vor Zwölf* engages with broader philosophical and existential themes. The title alludes to the Doomsday Clock, maintained by the Bulletin of the Atomic Scientists, which as of January stands at a perilous 89 seconds to midnight—the closest humanity has ever been to global catastrophe. AI now joins nuclear threats, climate change, and geopolitical conflicts as one of the primary existential risks facing civilization. Through this work, listeners are invited to contemplate the duality of technology—its immense power to create and to destroy. While RAVE serves as a creative partner in this piece, its presence also reminds us of the profound responsibility humanity bears in shaping the future of such powerful tools. The music unfolds as an exploration of this delicate balance as we stand on the threshold of an era where the line between human and machine becomes increasingly blurred.—**Lawrence Irving Wilde**

Clouds in Single File

Clouds in Single File is the second of two works conceived to be played by musicians in different places simultaneously over internet connection, for which the ethos was to embrace technology’s imperfections and limits—and even to make them the centerpiece. The first work, *Latency Canons* (2013), is for an orchestra playing with four different string quartets in different places. It uses the unpredictable and unstable delays—latency—of telecommunication technology as the time interval of imitative canons, with the intent to express the poignancy of the imperfections of all human communication. *Clouds in Single File*, written about a year later, was meant as a chamber music expression of this process. It has only two lines of music, each played by several instruments, but all in different places. The musicians try to synchronize with the already-delayed sounds they are hearing, and the tiny differences add up, creating a feathering of the phrases in time.—**Ray Lustig**



Yiran Wang (March 28)

Born in Danyang, China, Yiran Wang started his violin study at age 4 and started attending the Middle School Attached to the Shanghai Conservatory of Music at age 14. He is now pursuing his bachelor's at Juilliard under the tutelage of Laurie Smukler. Wang was a finalist in the 2022 Juilliard Concerto Competition, and he has performed all over the world at music festivals including the Baroque Music Festival of Mainz, Meadowmount School of Music, Verbier Music Festival, Music Academy of the West, Thy Chamber Music Festival, Cleveland Chamber Music Intensive, and Kneisel Hall Chamber Music Festival. At the Music Academy of the West, he was accepted into the string quartet seminar program, studying under the Takács Quartet. Wang is a substitute violinist in the Shanghai Philharmonic Orchestra.



Kerry Warren (March 27)

Kerry Warren (Group 42, drama) is a New York-based actor, teaching artist, and poet who last year was a recipient of the Next Generation Award from the National Guild of Community Arts Education. Her theater credits include *The River* with Hugh Jackman on Broadway; *Life Sucks* (Theatre Row), *This Is How It Ends* (59E59), and *Much Ado About Nothing* (Mobile Unit, the Public Theater), Off-Broadway; and *Private Lives* (Repertory Theatre of St. Louis), *The Tempest* (Pittsburgh Public), *Romeo and Juliet* (Dallas Theater Center), *Office Hour* (Berkeley Rep and Long Wharf), *The Originalist* (Arena Stage), *Twelfth Night* and *The Book of Will* (Hudson Valley Shakespeare Festival), and *Vanya, Sonia, Masha, and Spike* (Baltimore Center Stage). Her television and film credits include *Our Son*, *Broad City*, *New Amsterdam*, and *Law & Order: SVU*. Warren is excited to return to the Willson Theater as both a director and performer for the Future Stages Festival.



Lawrence Irving Wilde (March 28)

Lawrence Irving Wilde (BM '14, composition) is a researcher, educator, and composer of choral, chamber, orchestral, and electronic music whose works have been commissioned and performed by ensembles including the Kronos Quartet, Eighth Blackbird, JACK Quartet, Sō Percussion, Tesla Quartet, Ensemble Mise-En, and ÆON Ensemble. Wilde has held composition fellowships at the Tanglewood Music Festival, Aspen Music Festival, Bang on a Can Festival, and others. His works have been presented internationally at festivals and venues including Carnegie Hall, Lincoln Center Out of Doors, and Cabrillo Festival of Contemporary Music. A junior professor of composition and music theory in postdigital educational spaces at the University of Siegen in Germany, Wilde earned his MFA and PhD in music composition at Princeton and his bachelor's at Juilliard.

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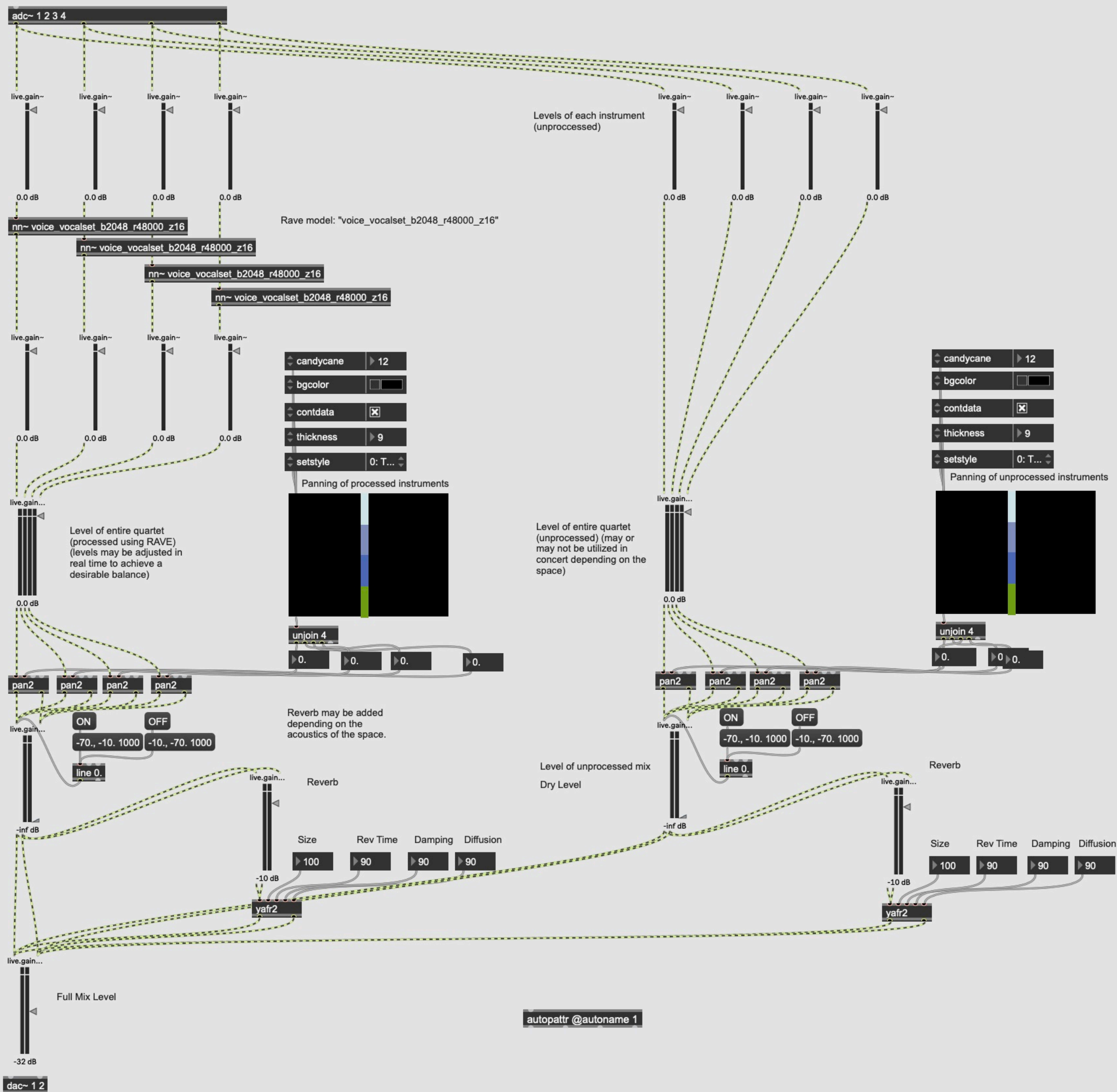
juilliard.edu/ForAll



The gain~ objects in the Max patch can be adjusted dynamically to shape the desired level of processing.

Post-processing levels of individual instruments (ordered from left to right: Violin I, Violin II, Viola, and Cello)

2. IRCAM (n.d.). *RAVE: Real-time Audio-to-Video Synthesis*. IRCAM Forum. Retrieved March 9, 2025, from <https://forum.ircam.fr/projects/detail/rave/>



Lawrence Wilde

Seconds to Midnight

for String Quartet and RAVE AI Software
(2025)

SoundInk Publishing

Dedicated to The Juilliard School's Center for Creative Technology.

Instrumentation:

Violin I
Violin II
Viola
Cello
+

Laptop running Max/MSP with Realtime Audio Variational autoEncoder (RAVE)

duration: c.15'

Seconds to Midnight

for String Quartet and RAVE AI Software

13

Vln I

Vln II

Vla

Vc.

Measures 13-16. Vln I and Vln II play a melodic line with eighth and sixteenth notes. Vla plays a rhythmic pattern of eighth notes. Vc. plays a sustained bass line with long notes.

17

Vln I

Vln II

Vla

Vc.

Measures 17-20. Vln I and Vln II continue the melodic line. Vla continues the rhythmic pattern. Vc. continues the sustained bass line.

21

Vln I

Vln II

Vla

Vc.

Measures 21-24. Vln I and Vln II continue the melodic line. Vla continues the rhythmic pattern. Vc. continues the sustained bass line, ending with a glissando.

25

Vln I

Vln II

Vla

Vc.

pp

pp

pp

pp

(π)

29

Vln I

Vln II

Vla

Vc.

33

Vln I

Vln II

Vla

Vc.

gliss.

37

Vln I

Vln II

Vla

Vc.

p

(π V)

41

Vln I

Vln II

Vla

Vc.

A Nocturne I ♩ = 92

Vln I

Vln II

Vla

Vc.

pp

ff

pp

48

Vln I

Vln II

Vla

Vc.

ff *pp*

ff *pp*

Measures 48-49. Vln I: Measure 48 has a whole rest; Measure 49 has a sixteenth-note triplet. Vln II: Measure 48 has a sixteenth-note triplet; Measure 49 has a whole rest. Vla: Whole rest in both measures. Vc.: Whole rest in both measures. Dynamics: *ff* to *pp* for Vln I and Vln II.

50

Vln I

Vln II

Vla

Vc.

ff *pp*

ff *pp*

Measures 50-51. Vln I: Measure 50 has a sixteenth-note triplet; Measure 51 has a whole rest. Vln II: Measure 50 has a whole rest; Measure 51 has a sixteenth-note triplet. Vla: Whole rest in both measures. Vc.: Whole rest in both measures. Dynamics: *ff* to *pp* for Vln I and Vln II.

52

Vln I

Vln II

Vla

Vc.

ff *pp*

ff *pp*

Measures 52-53. Vln I: Measure 52 has a whole rest; Measure 53 has a sixteenth-note triplet. Vln II: Measure 52 has a sixteenth-note triplet; Measure 53 has a whole rest. Vla: Whole rest in both measures. Vc.: Whole rest in both measures. Dynamics: *ff* to *pp* for Vln I and Vln II.

54 **B**

Vln I *ff* *pp*

Vln II *pp*

Vla

Vc. *p*

Measures 54-55. Vln I plays sixteenth-note sextuplets, Vln II and Vc. play sixteenth-note sextuplets, and Vla is silent. Dynamics range from *ff* to *pp*.

56

Vln I

Vln II *ff* *pp*

Vla

Vc. *p*

Measures 56-57. Vln I is silent, Vln II plays sixteenth-note sextuplets, and Vc. plays a half note. Dynamics range from *ff* to *pp*.

58

Vln I *ff* *pp*

Vln II

Vla

Vc. *mp* *p*

Measures 58-59. Vln I plays sixteenth-note sextuplets, Vln II is silent, and Vc. plays a half note. Dynamics range from *ff* to *pp*.

60

Vln I

Vln II

Vla

Vc.

ff *pp* *ff* *pp*

mp *p*

mp

62

Vln I

Vln II

Vla

Vc.

ff *pp* *ff* *pp*

mp

mf

64

Vln I

Vln II

Vla

Vc.

pp *pp* *ff* *pp*

mf *mf*

mp

66

Vln I

Vln II

Vla

Vc.

ff *pp*

mp *mf*

66

67

68

Vln I

Vln II

Vla

Vc.

ff *pp*

ff *pp*

f *mf*

68

69

70

Vln I

Vln II

Vla

Vc.

ff *pp*

f *mf*

70

71

72

Vln I *ff* *pp*

Vln II *pp*

Vla *f*

Vc. *ff*

74

Vln I

Vln II *ff* *pp*

Vla

Vc. *f*

76

Vln I *ff* *pp*

Vln II

Vla *f*

Vc.

78

Vln I

Vln II

Vla

Vc.

ff *pp* *ff* *pp*

fff *ff*

80

Vln I

Vln II

Vla

Vc.

ff *pp* *ff* *pp*

fff *ff*

82

Vln I

Vln II

Vla

Vc.

pp *pp* *ff* *pp*

fff

84

Vln I

Vln II

Vla

Vc.

ff *pp* *fff*

fff

Codetta I ♩ = 120

C

Vln I

Vln II

Vla

Vc.

mp sub. *cre* *scen* *do*

mp sub. *cre* *scen* *do*

ffff *mp sub.* *cre* *scen* *do*

ffff *mp sub.* *cre* *scen* *do*

88

Vln I

Vln II

Vla

Vc.

poco *a* *poco* *fff*

poco *a* *poco* *fff*

poco *a* *poco* *fff*

poco *a* *poco* *fff*

91

Vln I *tr* *de* - - - *cre* - - - *tr* *scen* - - - *tr* *do* - - -

Vln II *de* - - - *cre* - - - *scen* - - - *do* - - -

Vla *tr* *de* - - - *cre* - - - *tr* *scen* - - - *tr* *do* - - -

Vc. *tr* *de* - - - *cre* - - - *tr* *scen* - - - *tr* *do* - - - *poco* - -

94

Vln I *tr* *poco* - - - *a* - - - *poco* *ppp* *ff*

Vln II *poco* - - - *a* - - - *poco* *ppp*

Vla *tr* *poco* - - - *a* - - - *poco* *ppp*

Vc. *a* - - - *poco* *ppp*

D Tarantella I ♩. = 144

Vln I *f*

Vln II *f*

Vla *f*

Vc. *sfz* *sfz*

104

Vln I

Vln II

Vla

Vc.

Measures 104-109. Vln I and Vln II play eighth-note patterns. Vla plays eighth-note patterns. Vc. has a long note with a fermata in measure 104, then rests.

110

Vln I

Vln II

Vla

Vc.

sffz

Measures 110-115. Vln I and Vln II play eighth-note patterns. Vla plays eighth-note patterns. Vc. has a long note with a fermata in measure 110, then rests. A dynamic marking of *sffz* appears below the Vc. staff in measure 115.

116

Vln I

Vln II

Vla

Vc.

sffz

Measures 116-121. Vln I and Vln II play eighth-note patterns. Vla plays eighth-note patterns. Vc. has a long note with a fermata in measure 116, then rests. A dynamic marking of *sffz* appears below the Vc. staff in measure 121.

122

Vln I

Vln II

Vla

Vc.

Measures 122-127. Vln I and Vln II play eighth-note patterns. Vla plays eighth-note patterns. Vc. has whole rests.

128

Vln I

Vln II

Vla

Vc.

ff

ff

ff

sffz

sffz

Measures 128-133. Vln I and Vln II play eighth-note patterns. Vla plays eighth-note patterns. Vc. has a long note with an accent and a slur, marked *sffz*.

134

Vln I

Vln II

Vla

Vc.

Measures 134-139. Vln I and Vln II play eighth-note patterns. Vla plays eighth-note patterns. Vc. has a long note with an accent and a slur, marked *sffz*.

140

Vln I

Vln II

Vla

Vc.

sfz

Measures 140-145. Vln I and Vln II play eighth-note patterns. Vla plays eighth-note patterns. Vc. has a half-note line starting with an accent and a breath mark, marked *sfz*.

146

Vln I

Vln II

Vla

Vc.

fff

fff

fff

sfz

Measures 146-151. Vln I and Vln II play eighth-note patterns, marked *fff*. Vla plays eighth-note patterns, marked *fff*. Vc. has a half-note line starting with an accent and a breath mark, marked *sfz*.

152

Vln I

Vln II

Vla

Vc.

fff

fff

fff

sfz

sfz

Measures 152-157. Vln I and Vln II play eighth-note patterns, marked *fff*. Vla plays eighth-note patterns, marked *fff*. Vc. has a half-note line starting with an accent and a breath mark, marked *sfz*. A second *sfz* marking appears at the end of the system.

158

Vln I *ffff*

Vln II *ffff*

Vla *ffff*

Vc. *ffff*

164

Vln I *ffff*

Vln II *ffff*

Vla *ffff*

Vc. *ffff*

E Codetta II ♩ = 120

Vln I *mp* sub. cre - - - - - scen - - - - - do - - - - -

Vln II *mp* sub. cre - - - - - scen - - - - - do - - - - -

Vla *mp* sub. cre - - - - - scen - - - - - do - - - - -

Vc. *mp* sub. cre - - - - - scen - - - - - do - - - - - poco

173

Vln I

poco *a* *poco* ***fff***

Vln II

poco *a* *poco* ***fff***

Vla

poco *a* *poco* ***fff***

Vc.

poco *a* *poco* ***fff***

176

Vln I

de - - - cre - - - scen - - - do

Vln II

de - - - cre - - - scen - - - do - - - poco

Vla

de - - - cre - - - scen - - - do

Vc.

de - - - cre - - - scen - - - do

179

Vln I

poco - - - - - *a* - - - - - *poco ppp*

Vln II

- - - *a* - - - - *poco ppp*

Vla

- - *poco* - - - - - *a* - - - - - *poco ppp*

Vc.

- - - - - *poco* - - - - - *a* - - - - - *poco ppp*

F Nocturne II ♩ = 92

Vln I

Vln II

Vla

Vc.

pizz.

ppp

pizz.

ppp

188

Vln I

Vln II

Vla

Vc.

p

p

G

Vln I

Vln II

Vla

Vc.

p

mp

pp

pp

197

Vln I

Vln II

Vla

Vc.

p *mp* *mf*

p *pp* *p*

mp

mp

202

Vln I

Vln II

Vla

Vc.

mp *mf*

mp *p* *mp*

p

p

206

Vln I

Vln II

Vla

Vc.

f *mf*

mf *mp*

mf

mf

H Interlude ♩ = 96

Vln I

Vln II

Vla

Vc.

213

Vln I

Vln II

Vla

Vc.

217

Vln I

Vln II

Vla

Vc.

221

Vln I

Vln II

Vla

Vc.

225

Vln I

Vln II

Vla

Vc.

229

Vln I

Vln II

Vla

Vc.

gliss.

233

Vln I

Vln II

Vla

Vc.

pp

pp

pp

pp

($\neg$)

237

Vln I

Vln II

Vla

Vc.

241

Vln I

Vln II

Vla

Vc.

gliss.

245

Vln I

Vln II

Vla

Vc.

p

(7V)

249

Vln I

Vln II

Vla

Vc.

253

Vln I

Vln II

Vla

Vc.

Codetta III ♩ = 120

I

Vln I *mp* cre - - - - - scen - - - - - do - - - - -

Vln II *mp* cre - - - - - scen - - - - - do - - - - -

Vla *mp* cre - - - - - scen - - - - - do - - - - -

Vc. *mp* cre - - - - - scen - - - - - do - - - - -

260 Vln I *poco* - - - - - a - - - - - *poco* *fff*

Vln II - poco - - - - - a - - - - - *poco* *fff*

Vla - - - poco - - - - - a - - - - - *poco* *fff*

Vc. - - - poco - - - - - a - - - - - *poco* *fff*

263 Vln I de - - - - - cre - - - - - scen - - - - -

Vln II de - - - - - cre - - - - - scen - - - - - do - - - - -

Vla de - - - - - cre - - - - - scen - - - - - do - - - - - poco - - - - -

Vc. de - - - - - cre - - - - - scen - - - - - do - - - - - poco - - - - -

J Nocturne III ♩ = 92

Vln I

pp

Vln II

Vla

pp

ff *pp*

Vc.

273

Vln I

Vln II

Vla

Vc.

tr

ff *pp*

6 6 6 6

275

Vln I

Vln II

Vla

Vc.

ff *pp*

6 6 6 6

277

Vln I

Vln II

Vla

Vc.

ff *pp*

6 6 6 6

279 K

Vln I *ff* *pp*

Vln II *pp* *mf*

Vla *pp*

Vc

281

Vln I

Vln II

Vla *ff* *pp*

Vc *mf*

283

Vln I *ff* *pp*

Vln II *f* *mf*

Vla

Vc *f*

285

Vln I

Vln II

Vla

Vc.

mp

ff *pp* *ff* *pp*

mf *mp*

287

Vln I

Vln II

Vla

Vc.

ff *pp* *ff* *pp*

mf

289

Vln I

Vln II

Vla

Vc.

pp *mp* *p*

pp *ff* *pp*

mf *mp*

291

Vln I

Vln II

Vla

Vc.

ff *pp*

p

293

Vln I

Vln II

Vla

Vc.

ff *pp*

mp *p*

ff *pp*

mp

295

Vln I

Vln II

Vla

Vc.

ff *pp*

pp

pp

301

Vln I

ff *pp* *ff* *pp*

Vln II

Vla

Vc.

mp

303

Vln I

Vln II

Vla

Vc.

pp

ppp

ff

pp

ff

ff

305

Vln I

Vln II

Vla

Vc.

ff

pp

ff

pp

pp

mp

307

Vln I

Vln II

Vla

Vc.

pp

pp

pp

ff

pp

ff

mf

313

Vln I

Vln II

Vla

Vc.

ff

pp

mf

ff

315

Vln I *ff* *pp*

Vln II *mp* *ff*

Vla

Vc.

317

Vln I

Vln II *mp* *ff*

Vla *ff* *pp* *ff* *pp*

Vc.

319

Vln I *ff* *pp* *ff* *pp*

Vln II

Vla

Vc.

321

Vln I

Vln II

Vla

Vc.

ff *pp* *ff* *pp* *mp*

L Codetta $\text{♩} = 120$

Vln I

Vln II

Vla

Vc.

mp sub. *cre* - - - - *scen* - - - - *do* - - - -

ff *mp* sub. *cre* - - - - *scen* - - - - *do* - - - -

mp sub. *cre* - - - - *scen* - - - - *do* - - - -

mp sub. *cre* - - - - *scen* - - - - *do* - - - -

326

Vln I

Vln II

Vla

Vc.

poco - - - - *a* - - - - *poco*

poco - - - - *a* - - - - *poco*

poco - - - - *a* - - - - *poco*

poco - - - - *a* - - - - *poco*

fff *fff* *fff* *fff*

8va - - - - *8va* - - - -

329

Vln I

Vln II

Vla

Vc.

tr

(8)

18

M Tarantella II ♩. = 144

Vln I

Vln II

Vla

Vc.

f

f

ffz

ffz

f

18

337

Vln I

Vln II

Vla

Vc.

18

343

Vln I

Vln II

Vla

Vc.

f

sfz

Measures 343-348. Vln I and Vln II play eighth-note patterns. Vln II has a crescendo hairpin and a sforzando (*sfz*) marking. Vla plays a descending eighth-note pattern starting with a forte (*f*) marking. Vc. plays a descending eighth-note pattern.

349

Vln I

Vln II

Vla

Vc.

sfz

Measures 349-354. Vln I and Vln II play eighth-note patterns. Vln II has a crescendo hairpin and a sforzando (*sfz*) marking. Vla plays a descending eighth-note pattern. Vc. plays a descending eighth-note pattern.

355

Vln I

Vln II

Vla

Vc.

13

Measures 355-360. Vln I and Vln II play eighth-note patterns. Vla plays whole notes. Vc. plays a descending eighth-note pattern. A rehearsal mark '13' is at the end of the Vla staff.

361

Vln I *ff*

Vln II *ff*

Vla *sffz* *sffz*

Vc. *ff*

Measures 361-366. Vln I and Vln II play sixteenth-note patterns. Vla has a melodic line with accents and slurs. Vc. has a bass line with slurs and accents.

367

Vln I

Vln II

Vla

Vc.

Measures 367-372. Vln I and Vln II continue their sixteenth-note patterns. Vla has a melodic line with accents and slurs. Vc. has a bass line with slurs and accents.

373

Vln I *sffz*

Vln II

Vla

Vc.

Measures 373-378. Vln I has a melodic line with accents and slurs. Vln II continues its sixteenth-note pattern. Vla has a melodic line with accents and slurs. Vc. has a bass line with slurs and accents.

379

Vln I *sffz*

Vln II *fff*

Vla *sffz fff*

Vc. *fff*

Measures 379-384. Vln I: half note with accent and fermata. Vln II: sixteenth-note pattern. Vla: sixteenth-note pattern. Vc.: eighth-note pattern.

385

Vln I

Vln II *sffz*

Vla

Vc.

Measures 385-390. Vln I: half note with accent and fermata. Vln II: half note with accent and fermata. Vla: eighth-note pattern. Vc.: eighth-note pattern.

391

Vln I *ffff*

Vln II

Vla *ffff*

Vc. *ffff*

Measures 391-396. Vln I: half note with accent and fermata. Vln II: half note with accent and fermata. Vla: eighth-note pattern. Vc.: eighth-note pattern.

397

Vln I *ffff*

Vln II *ffff*

Vla *ffff*

Vc. *ffff*

N Tarantella III ♩ = 144

Vln I *f sub.*

Vln II *sfz*

Vla *f sub.*

Vc. *f sub.*

409

Vln I

Vln II

Vla

Vc.

415

Vln I

Vln II

f

Vla

sffz

Vc.

421

Vln I

Vln II

Vla

sffz

Vc.

427

Vln I

Vln II

Vla

Vc.

433

Vln I *sfz*

Vln II *ff* *sfz*

Vla *ff*

Vc. *ff*

439

Vln I

Vln II

Vla

Vc.

445

Vln I

Vln II *sfz*

Vla

Vc.

451

Vln I *fff*

Vln II *sffz*

Vla *fff*

Vc. *fff*

457

Vln I *sffz*

Vln II *fff*

Vla

Vc.

463

Vln I

Vln II *fff*

Vla *fff*

Vc. *fff*

469

Vln I *ffff*

Vln II *ffff*

Vla *ffff*

Vc. *ffff*

Tarantella IV ♩. = 144

O

Vln I *sfz*

Vln II *f sub.*

Vla *f sub.*

Vc. *f sub.*

481

Vln I

Vln II

Vla

Vc.

487

Vln I

f

sfz

Vln II

sfz

Vla

Vc.

493

Vln I

sfz

Vln II

sfz

Vla

Vc.

499

Vln I

ff

Vln II

Vla

Vc.

505

Vln I *sffz*

Vln II *ff*

Vla *ff*

Vc. *ff*

511

Vln I *ff*

Vln II

Vla

Vc.

517

Vln I *sffz*

Vln II

Vla

Vc.

523

Vln I *sffz*

Vln II *fff*

Vla *fff*

Vc. *fff*

Measures 523-528. Vln I has a melodic line with a crescendo and a fermata. Vln II, Vla, and Vc. have a rhythmic accompaniment of eighth notes.

529

Vln I *sffz*

Vln II *ffff*

Vla *ffff*

Vc. *ffff*

Measures 529-534. Vln I has a melodic line with a crescendo and a fermata. Vln II, Vla, and Vc. have a rhythmic accompaniment of eighth notes.

535

Vln I *ff*

Vln II *ffff*

Vla *ffff*

Vc. *ffff*

Measures 535-540. Vln I has a melodic line with a crescendo and a fermata. Vln II, Vla, and Vc. have a rhythmic accompaniment of eighth notes.

541

Vln I

Vln II

Vla

Vc.

ff

P Nocturne IV ♩ = 92

Vln I

Vln II

Vla

Vc.

ppp

ppp

ppp

ppp

552

Vln I

Vln II

Vla

Vc.

p

p

p

p

Q

Vln I *p cre* - - - - -

Vln II *pp*

Vla *pp*

Vc. *pp*

561

Vln I *scen* - - - - -

Vln II *mp*

Vla *mp*

Vc. *mp*

566

Vln I *do* - - - - -

Vln II *p*

Vla *p*

Vc. *p*

570

Vln I

poco

Vln II

mf

Vla

mf

Vc.

mf

575

Vln I

a

Vln II

mp

Vla

mp

Vc.

mp

579

Vln I

poco

ff

Vln II

f dim. poco a poco

Vla

f dim. poco a poco

Vc.

f dim. poco a poco

584

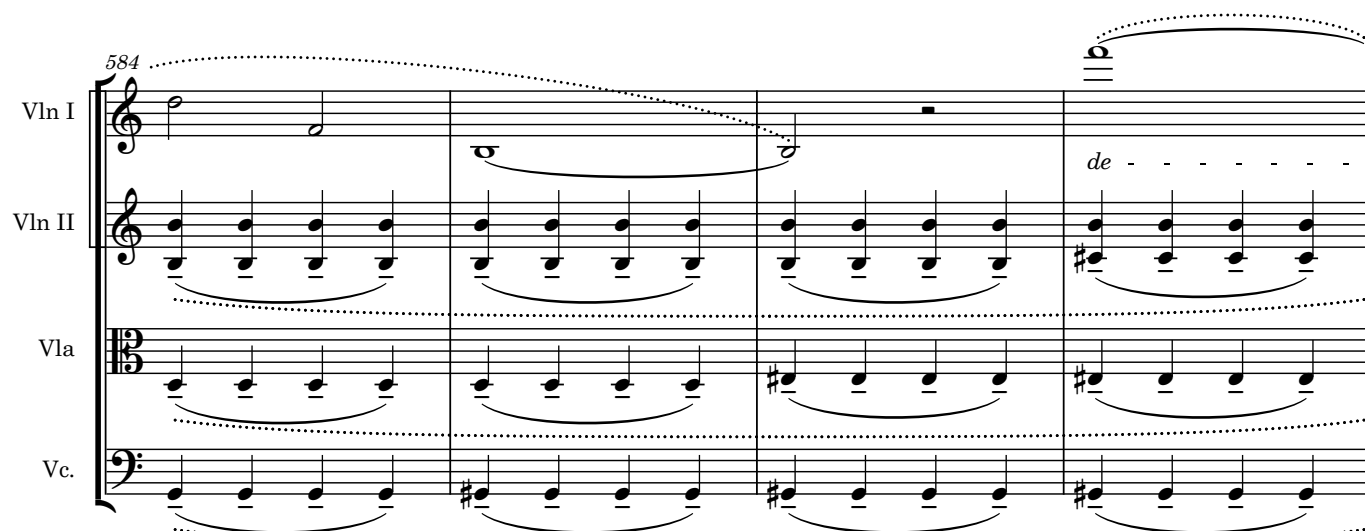
Vln I

Vln II

Vla

Vc.

de - - - - -



588

Vln I

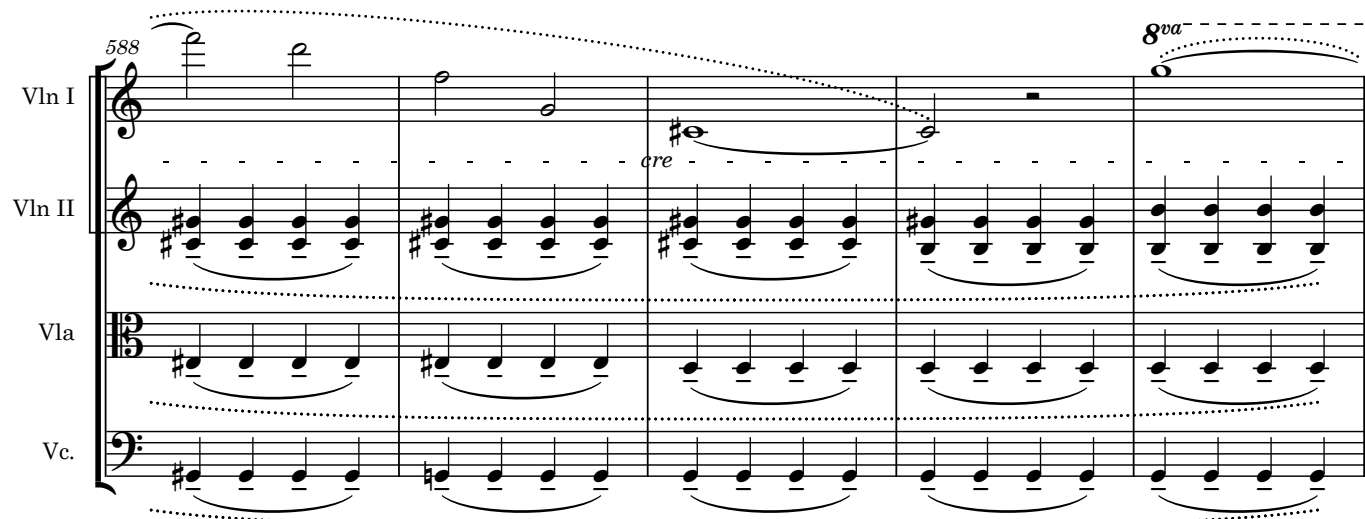
Vln II

Vla

Vc.

cre - - - - -

8va



593

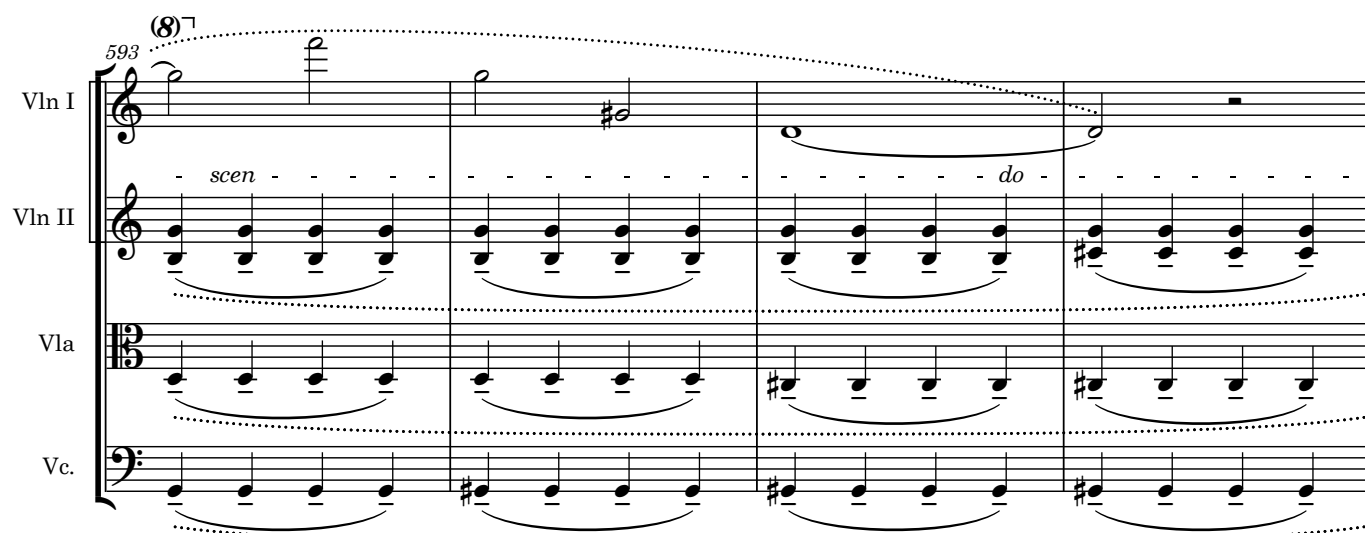
Vln I

Vln II

Vla

Vc.

scen - - - - - do - - - - -



597 *8va*

Vln I

Vln II

Vla

Vc.

poco

602 *8va*

Vln I

Vln II

Vla

Vc.

a

poco

pp

606

Vln I

Vln II

Vla

Vc.

R Postlude ♩ = 96

Vln I

Vln II

Vla

Vc.

p *dim. poco a poco* *ppp*

612

Vln I

Vln II

Vla

Vc.

p *dim. poco a poco* *gliss.* *ppp*

616

Vln I

Vln II

Vla

Vc.

p *dim. poco a poco* *gliss.* *ppp*

620

Vln I

Vln II

Vla

Vc.

624

Vln I

Vln II

Vla

Vc.

628

Vln I

Vln II

Vla

Vc.

gliss.

632

Vln I *pp*

Vln II *pp*

Vla *pp*

Vc. *pp* (7V)

Measures 632-635. Vln I and Vln II play a melodic line with slurs and ties. Vla plays a rhythmic accompaniment. Vc. plays a sustained bass line with a glissando in measure 635.

636

Vln I

Vln II

Vla

Vc.

Measures 636-639. Vln I and Vln II play a melodic line with slurs and ties. Vla plays a rhythmic accompaniment. Vc. plays a sustained bass line.

640

Vln I

Vln II

Vla

Vc. *gliss.*

Measures 640-643. Vln I and Vln II play a melodic line with slurs and ties. Vla plays a rhythmic accompaniment. Vc. plays a sustained bass line with a glissando in measure 643.

644

Vln I

Vln II

Vla

Vc.

ppp

ppp

ppp

(V)

648

Vln I

Vln II

Vla

Vc.

652

Vln I

Vln II

Vla

Vc.

