IQ Nexus Journal

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Featuring:

Thomas Hally
Louis Sauter
David Udbjorg
and others

http://iqnexus.org/

Sun Bloc
by Jaromir Mira Cervenka

or the spring 2020

Inside

Online Journal of IIS, ePiq & ISI-S Societies, members of WIN

IQ Nexus Journal editorial staff

Publisher/Graphics Editor... .....Stanislav Riha
English Editor.....Jacqueline Slade
Web Administrator &
IQ Nexus founder.....Owen Cosby

Contact us at infinimag@gmail.com

Website; https://iqnexus.org/

Non-members' contributions are welcome and every contribution has to be accompanied by an introduction from the contributor.

IQ Nexus Journal

was created to publish creative endeavours for members of the IIS, ePiqs and Isi-s web based societies as well as guests of other societies and non members..

This issue features creative works of:

Listed alphabetically;

David Kelly
David Udbjorg
Jason Munn
Jaromír M Červenka
Kit O'Saoradihe
Louis Sauter
Marilyn Grimble
Mark van Vuuren
Stanislav Riha
Thomas Hally
T.G. "Torg" Hadley
Xavier Jouve

COVER PAGE

Sun Block

photograph by Jaromír Míra Červenka

This photograph was chosen because it correlates to the epidemic of spring 2020.

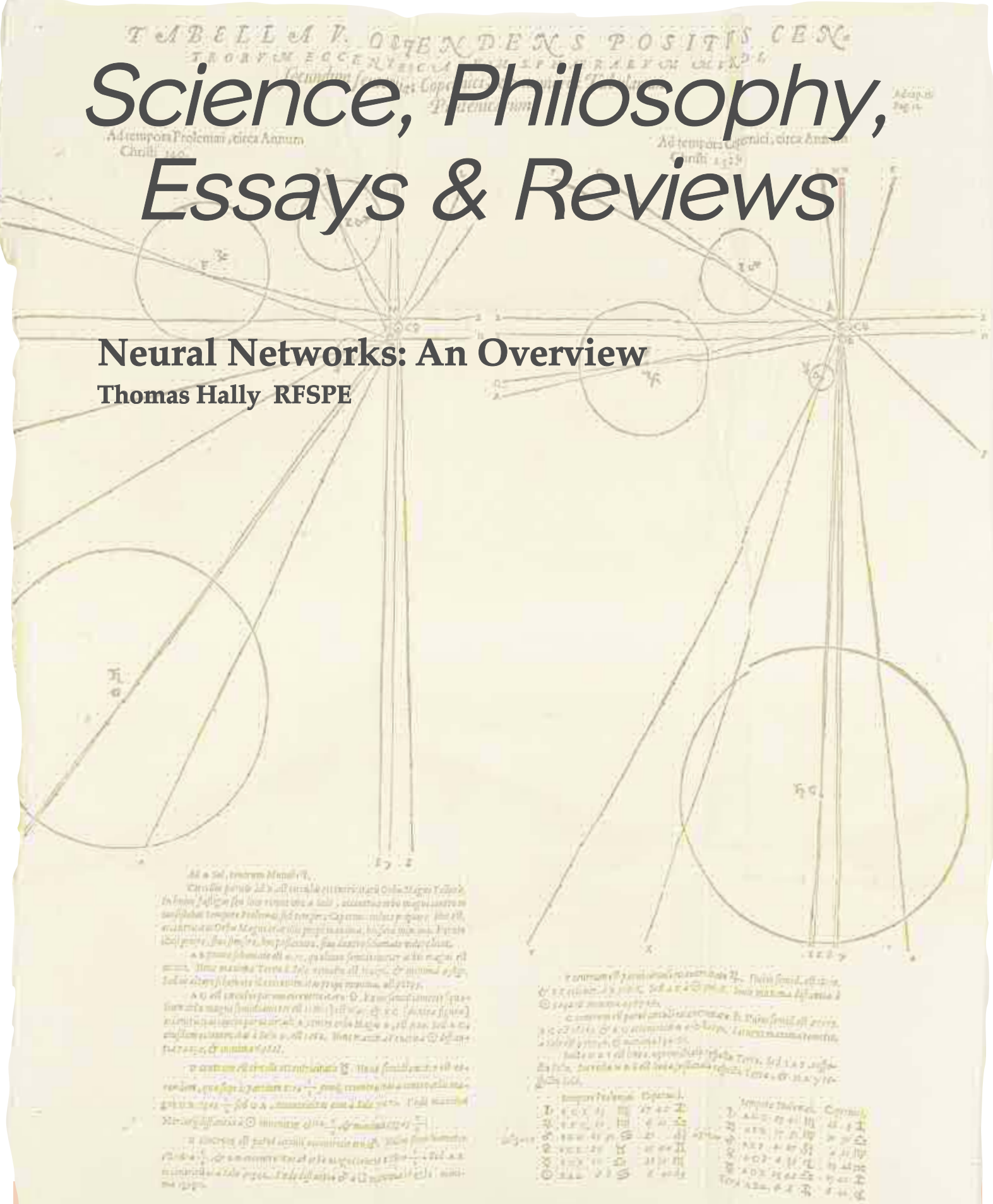
Special thanks to **Jacqueline Slade** *for her great help with English editorial work and* **Owen Cosby** *For reviving and restoring Infinity International Society and establishing IQ Nexus joined forum of IIS and ePiq and later ISI-S Societies for which this Journal was created..*

"Even though scientist are involved in this Journal, I and all involved in the IQ Nexus Journal have tried to keep the content (even though it is a Hi IQ Society periodical) on an ordinary human level as much as possible. In fact, is it not the case, that - to be a human being is the most intelligent way of life?"

Stanislav Riha

Contents

Science, Philosophy, Essays & Reviews



Neural Networks: An Overview

Thomas Hally RFSPE

Neural Networks: An Overview

Thomas Hally, RFSPE

The purpose of this essay is to provide the reader with a general definition of *Artificial Neural Networks*; their functioning, applications, and a few words about what the future might allow in this area.

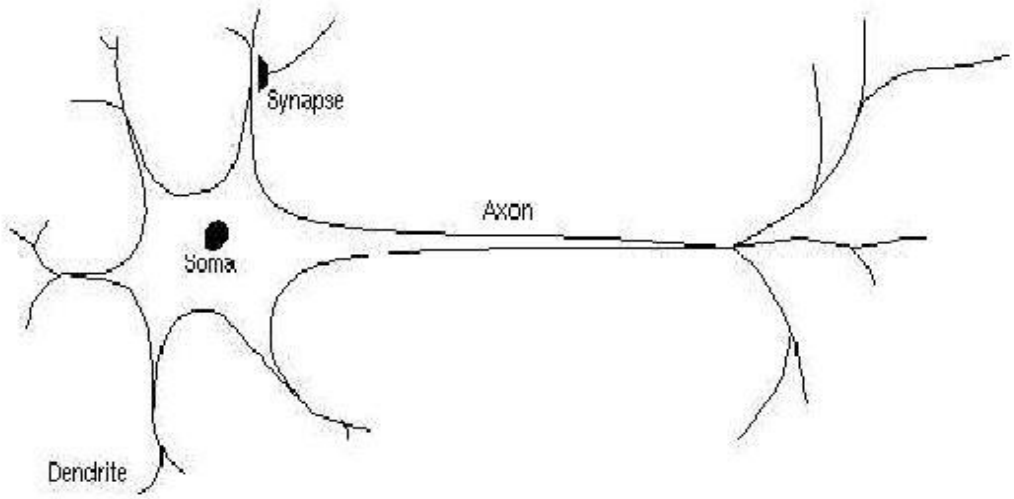
Introduction

Artificial neural networks are emulations patterned after the most sophisticated and powerful problem-solving device ever created, the human brain: a vast network of processing elements and nerve cells. "The concept of neural networks dates back to the 1800s and is an attempt to describe how the human mind performs."[1] The human brain is still largely an unsolved mystery; much is still unknown about how the brain trains itself and processes information. The human brain has been a source of inspiration for *Artificial Intelligence* since the dawn of the computer age. With the advance of modern neuroimaging[2] techniques, we can look into the brain of a human being and measure its activity.

Human Neural Network

A *Human Neural Network* is an interconnected system of neurons in the brain or other parts of the body. In the human brain, a neuron collects signals from other neurons (brain cells, mostly) through a host of fine structures known as *dendrites*.[3] The neuron sends out spikes of electricity through a long, thin strand called an *axon*,[4] which splits into thousands of branches. At the end of each branch, there is a *synapse,*[5] which converts the activity from the axon into electrical effects and inhibits or excites activity from the axon which, in turn, inhibits or excites electrical activity in the connected neurons. When a neuron receives stimuli that are sufficiently large, compared to its inhibitory input, it sends a spike of electrical activity down the axon. Learning occurs by changing the effectiveness of the synapses so that one neuron's influence affects another neuron.

Diagram 1: Human Neural Network

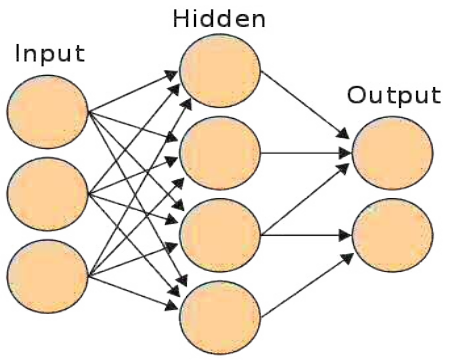


Computer scientists began analyzing these ideas with the Turing B-type[6] machines and the Perceptron[7] in the 1950s. Friedrich Hayek[8] postulated the idea of spontaneous order in the brain arising out of decentralized networks known as neurons. By 1975, the Cognitron[9] had made its appearance. Hopfield's[10] Network had the ability for bidirectional flow of inputs between neurons and nodes; and the specialization of these node layers was introduced through the first hybrid network. In the mid-1980s, "Parallel Distributed Processing"[11] became widely known as "Connectivism."[12]A report entitled *Learning Internal Representation by Error Propagation*[13] was one of the main reasons behind the re-popularization of neural networks. The original network used multiple layers of weight-sum units of the type f = g(w' x+b) where "g" was a sigmoid function (or a function used in "Logistic Regression").[14] The employment of the chain rule of differentiation in deriving the appropriate parameter update results in an algorithm that appears to back propagate errors; hence, the name. Networks with the same architecture are now referred to as "Multilayer Perceptrons."[15]

Artificial Neural Networks (ANNs)

Artificial Neural Networks try to simulate the structure and functional aspects of biological neural networks. ANNs have very high processing speeds, and they have the ability to learn how to solve a problem from a given set of examples. These characteristics afford us a variety of powerful new techniques for solving certain problems. In the same way that a human being becomes an expert in a specific area, computer scientists train neural networks in a given area. Once automatic learning has been established, a neural network learns on its own through practice and repeated experience. When it has been proven that the neural network is doing its job correctly, it has become an "expert" and operates according to its own decisions and judgments. As has been indicated, a human neural network is a circuit of biological neurons. However, the term "Neural Network" often refers to an Artificial Neural Network, composed of artificial neurons or nodes. Artificial Neural Network (ANN), Simplified Neural Network (SNN), or, simply, Neural Network (NN), are terms that refer to the same idea. While many types of artificial neural networks exist, most are organized according to the same basic structure:

Diagram 2: Artificial Neural Network



An Artificial neural network is a processing paradigm that can recognize patterns in a given collection of data and produce a model for that data. It resembles the brain in two respects:

1. Knowledge is acquired by the network through a trial-and-error learning process.
2. Interneuron connection strengths ("synaptic weights") are used to store the knowledge.

Artificial neural networks are an emulation of human brain function. They are made with hardware and software with the purpose of ratiocination, learning, following patterns and predicting, while processing an elevated number of elements or variables which are interconnected. Artificial neural networks commonly use mathematical models, diffuse logic, Bayesian inference,[16] Fourier Transforms[17] and Expert Systems.[18]

How do Neural Networks Function?

Conventional computers use a cognitive, algorithmic approach to problem solving. That is, they follow a set of programmed instructions to solve a problem. This approach restricts the problem-solving capability of conventional computers, since it is a problem we already know and understand how to solve. The computer's instructions are converted into a high-level language program and then into machine code or low-level language (e.g., Assembly language) that the computer understands. Since the computer is totally predictable, if anything goes wrong it is due to a software or hardware problem.

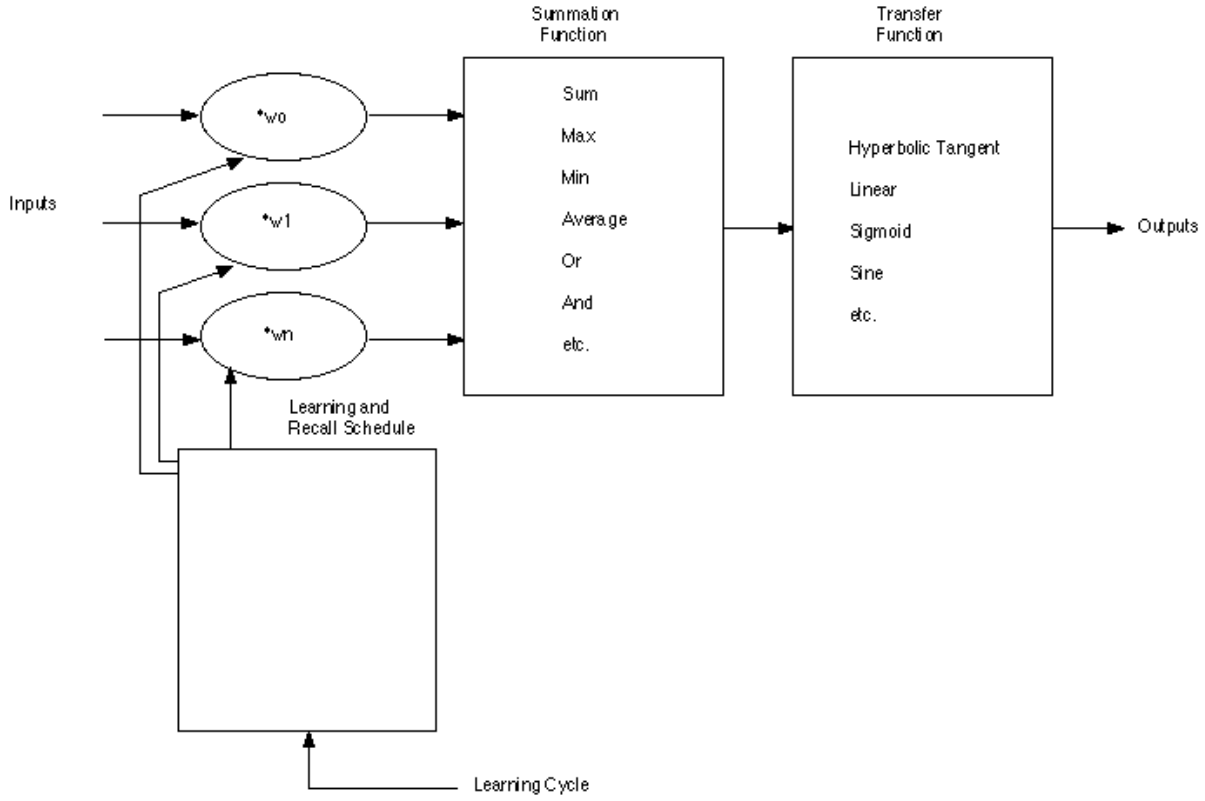
The key element of the paradigm is the novel structure of the information processing system, which is composed of a large number of neurons working in union to solve specific problems. An ANN configured for a special application (e.g., pattern recognition and data classification) has gone through a learning process. Like humans, ANNs learn with biological adjustments to the synaptic connections that exist between neurons. Artificial intelligence and cognitive modeling try to assimilate some properties of neural networks and have been applied successfully to speech recognition, image analysis and adaptive control. This assimilation has as its objectives the construction of software agents in both video games and autonomous robots. Most of the currently employed neural networks for artificial intelligence are based on Statistical Estimation,[19] Optimization,[20] and Control Theory.[21]

Since ANNs process information in a similar way to the human brain, they learn by example. Learning comes about by changing the effectiveness of the synapses so that the influence of neurons on one another changes. Neural networks cannot be programmed to perform a specific task. The examples or problems must be carefully

selected so that time is not wasted. The disadvantage is that its learning capability finds out how to solve the problem by itself and the operation can be unpredictable.

Artificial neural networks and conventional computers complement each other. There are tasks more suited to an algorithmic approach—like arithmetic operations—and tasks that are more suitable for neural networks (e.g., "classification"). The latter includes pattern and sequence recognition as well as a plethora of distinct novelty detections and sequential decision-making procedures. Moreover, a large number of tasks require combinations of these two systems. Normally, a conventional computer is used to oversee the neural network; both the conventional computer and the neural network perform at top efficiency when used in conjunction. The neural network functions within the scheme of any number of computer arrays:

Diagram 3: Artificial Neural Network using a Computer Algorithm



Train the Neural Network

- Present data to the network.
- Network produces an output.
- Network output compared to a desired output.

- Network strengths are modified to reduce error.

An artificial neural network can perform tasks that a linear program cannot. When any given element of a neural network fails, the ANN can continue without incident because of its parallel nature. The neural network learns and does not need to be reprogrammed. It can be implemented in almost any application, and this can be done without any problem.

Typical ANN Applications

The tasks to which ANNs are applied tend to fall within three categories, mostly in business and medicine:

1. Function approximation or regression analysis.
2. Classification, including pattern recognition and sequence recognition.
3. Data processing.

> Most practical applications of artificial neural networks are based on a computational model involving the propagation of continuous variables from one processing to the next. In recent years, data from neurobiological experiments have made increasingly clear that biological neural networks, which communicate through pulses, use the timing of these pulses to transmit information and perform computation. This realization has stimulated significant research on pulsed neural networks, including theoretical analyses and model development, neurobiological modeling, and hardware implementation.[22]

Classification

- Medical diagnoses, fraud detection, character recognition, speech recognition, etc.

Function Approximation

Process modeling

- Data processing, filtering, clustering, compression, etc.

Process control

- Data modeling, machine diagnostics.

Time Series Prediction

- Financial forecasting, bankruptcy, prediction sales, forecasting Dynamic System Marketing.

Data Mining Clustering

- Data recognition, data extraction.

What does the Future hold for Artificial Neural Networks?

"The applications are very diverse, from climactic predictions to autonomous prostheses."[23] The following are but a few examples of what computer scientists have planned for humankind's future:

1. Robots that can see, feel, and predict the world around them.
2. Improved stock prediction.
3. Common usage of self-driving cars.
4. Composition of music.
5. Handwritten documents to be automatically transformed and formatted into word-processing documents.
6. Trends found in the human genome to aid in the Human Genome Project.
7. Self-diagnosis of medical problems using artificial neural networks.

Conclusion

A common criticism of neural networks is that they require a large diversity of training to perform practical operations. This is particularly true in robotics. Other criticisms come from advocates of "hybrid models": those combining neural networks and symbolic approaches. These critics support the combination of these two approaches, believing that hybrids can better emulate the mechanisms of the human mind. Yet, artificial neural networks are destined to play an important role in medicine, psychology (including the study of human cognitive ability), robotics, and nanotechnology. Neural networking promises to provide computer science breakthroughs that rival anything we have yet witnessed. Once neural networks are properly trained, they can replace many human functions in targeted areas.

Perhaps the most exciting possibility is that of "conscious" neural networks. However, neural network consciousness will always be an alien consciousness. I seriously doubt there will ever be an artificial neural network that will superintend its creators. Artificial neural networks will never feel, think, or perceive as we do—much less ponder their destinies!

References *

[1]Thomas Hally, "Neural Networks," *Mensa International Journal*, September, 2009 no. 528, 1 (ed. Ms. Kate Nacard).

[2]Neuroimaging: http://www.en.wikipedia.org/wiki/Neuroimaging.

[3]Dendrite**:** www.en.wikipedia.org/wiki/Dendrite**.**

[4]Axon: www.en.wikipedia.org/wiki/Axon.

[5]Synapse: www.en.wikipedia.org/wiki/Synapse_(disambiguation).

[6]Turing-B:www.alanturing.net/turing.../Turing's%20neural%20networks.html.

[7]Perceptron: www.en.wikipedia.org/wiki/Neural_network.

[8]Fredrich August von Hayek was an Austrian-born economist and philosopher known for his defense of classical liberalism and free-market capitalism. Hayek also wrote on the topics of neuroscience and the history of ideas.
[9]Cognitron**:** http://www.en.wikipedia.org/wiki/Neural_network.
[10]A Hopfield Network is a form of recurrent artificial neural network invented by John Hopfield, an American scientist known for his invention of an *associative neural network* in 1982.
[11] Parallel Distribution: www.en.wikipedia.org/.../Distributed_computing.
[12]George Siemens, "Connectivism: A Learning Theory for the Digital Age," *International Journal of Industrial Technology and Distance Learning, v*ol. 2, no. 1, January 2005, 3.
[13]D.E. Rumelhart, G.E. Hinton, and R.J. Williams, "Learning Internal Representation by Error Propagation," (Technical report: University of California San Diego La Jolla Institute for Cognitive Science. March-September, 1985).
[14]http://:www.themeasurementgroup.com/.../logistic_regression.htm.
[15]http://www.en.wikipedia.org/wiki/Multilayer_perceptron.
[16]Bayesian Inference: http://www.fact-index.com/b/ba/bayesian_inference.html.
[17]Fourier Transform: http://www. en.wikipedia.org/wiki/Fourier_transform.
[18]Expert System: http://www.iiia.csic.es/udt/en/artificialintelligence/list?page=1.
[19]Estimation: http://www._en.wikipedia.org/wiki/Estimation_theory.
[20]Optimization: http://www_en.wikipedia.org/wiki/Optimization_(mathematics).
[21]Control Theory: http://www. en.wikipedia.org/wiki/Control_theory
[22]Wolfgang Maass and Christopher M. Bishop, *Pulsed Neural Networks:* (Massachusetts Institute of Technology, 1999), XXV.
[23]José Félix Rodriguez Jiménez, Senior Software Engineer, ContPAQ I, Guadalajara, Jalisco, Mexico.

*****Wikipedia references were researched between April 18, 2010 and April 23, 2010.

Fine Arts

poetry, music, paint, print, photography, writing.

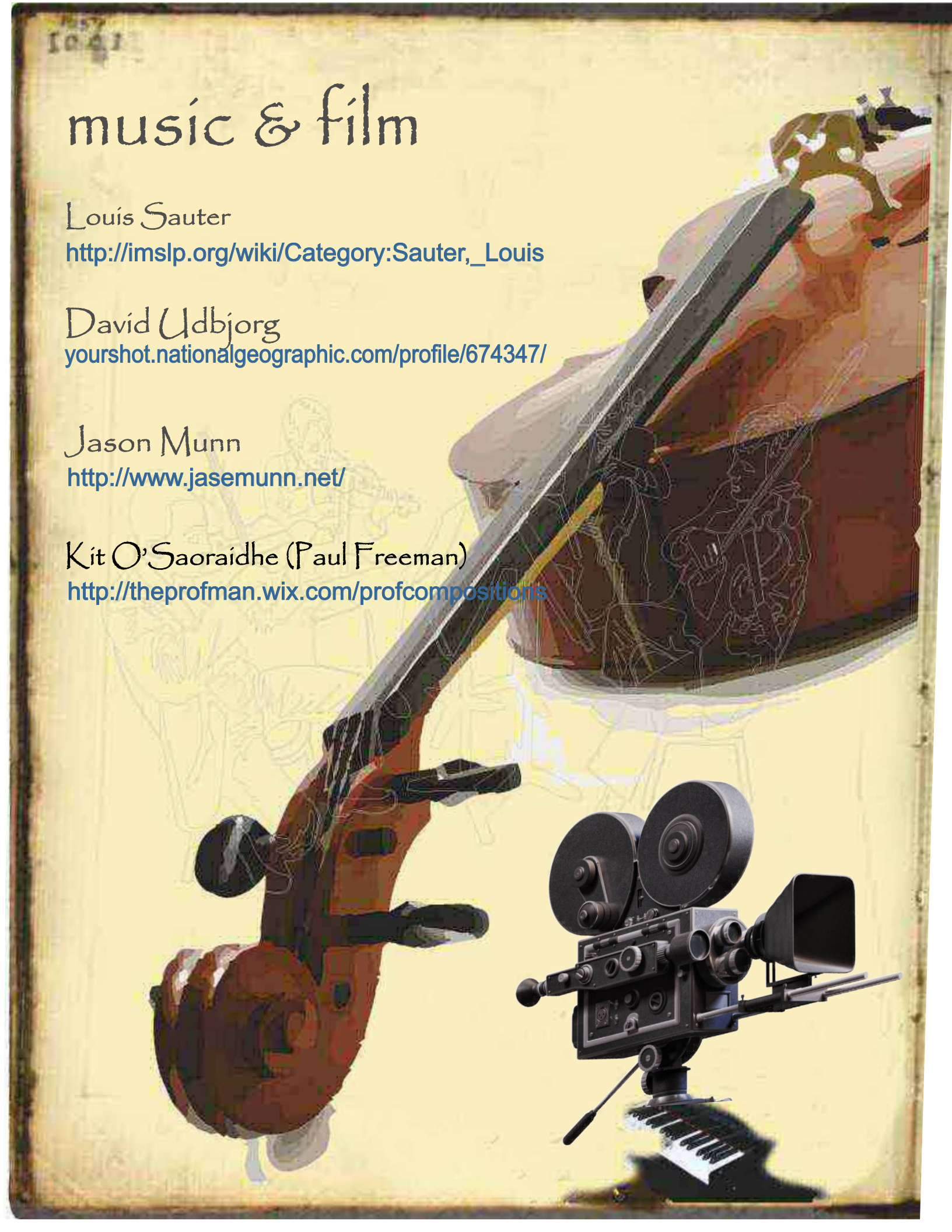
music & film

Louis Sauter
http://imslp.org/wiki/Category:Sauter,_Louis

David Udbjorg
yourshot.nationalgeographic.com/profile/674347/

Jason Munn
http://www.jasemunn.net/

Kit O'Saoraidhe (Paul Freeman)
http://theprofman.wix.com/profcompositions



Fantaisie niçoise no. 1 :
Variations sur Pastre, Pastressa

My composition Fantaisie niçoise (Niçois Fantasy) for flute and piano (or guitar) includes three pieces inspired by traditional music from the region of Nice. Here is the score of the first piece, a set of variations on the song Pastre, Pastressa (Shepherd, Shepherdess).
The original song is in Niçard, the Occitan dialect spoken in Nice.

A recording by flautist Iwona Glinka and guitarist Angelos Botsis is available on YouTube at https://youtu.be/LOBRzTo3svM

by Louis Sauter

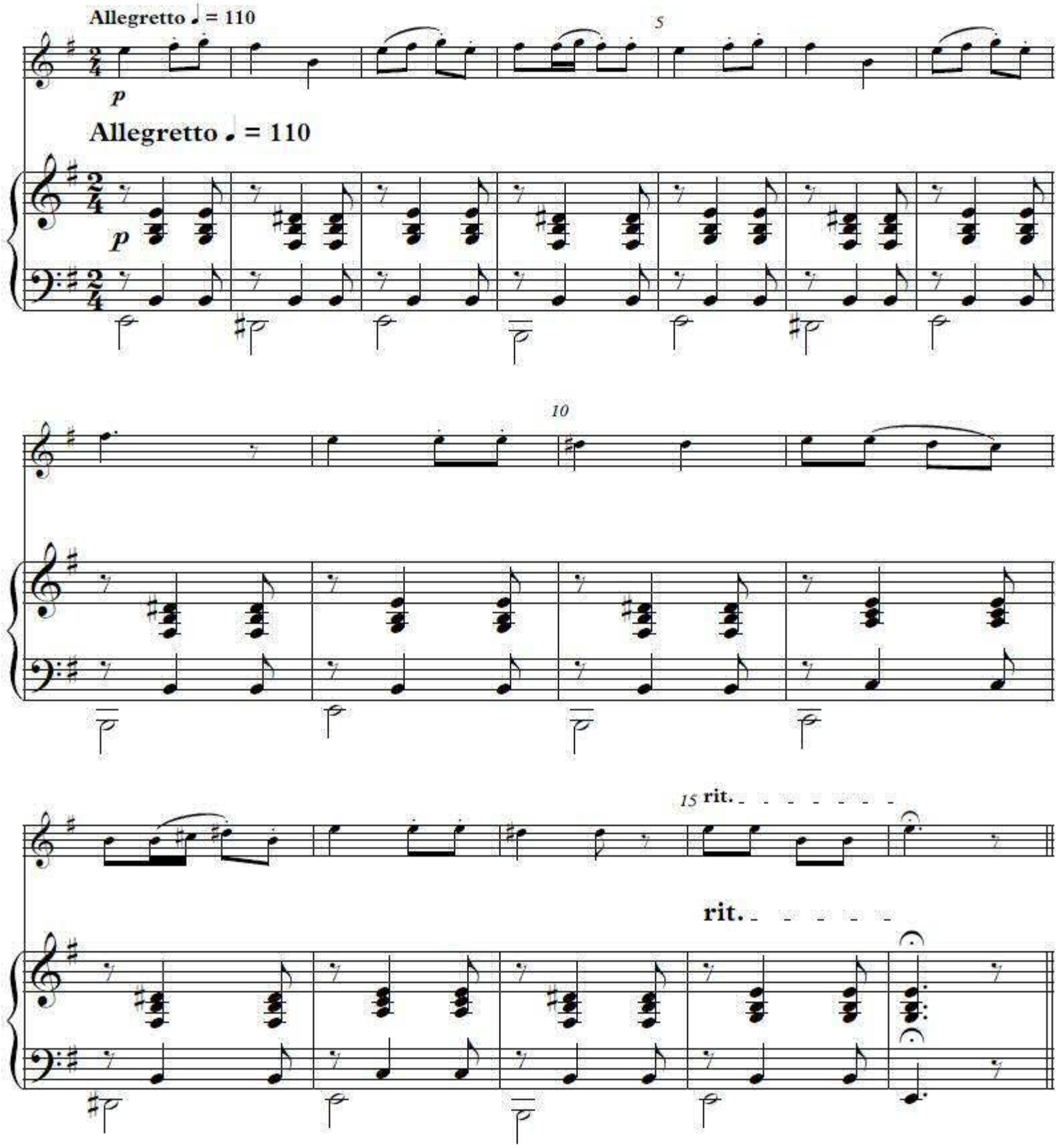
Pour Iwona Glinka

Fantaisie niçoise

pour flûte et piano (ou guitare)

I. Variations sur "Pastre, Pastressa"

Louis Sauter



Allegretto

20

p

25

30

rit.

Allegro ♩ = 120

35

f

3 3

p

Allegro 𝅗𝅥 = 120

mf

pp

40

3 3

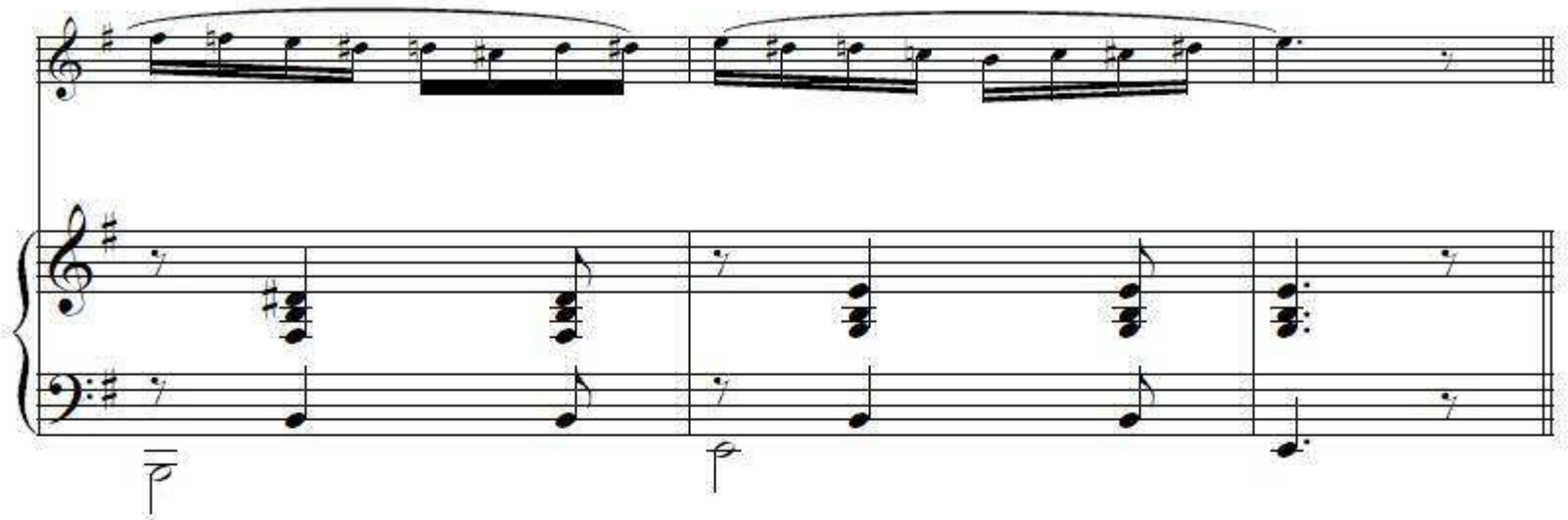
f

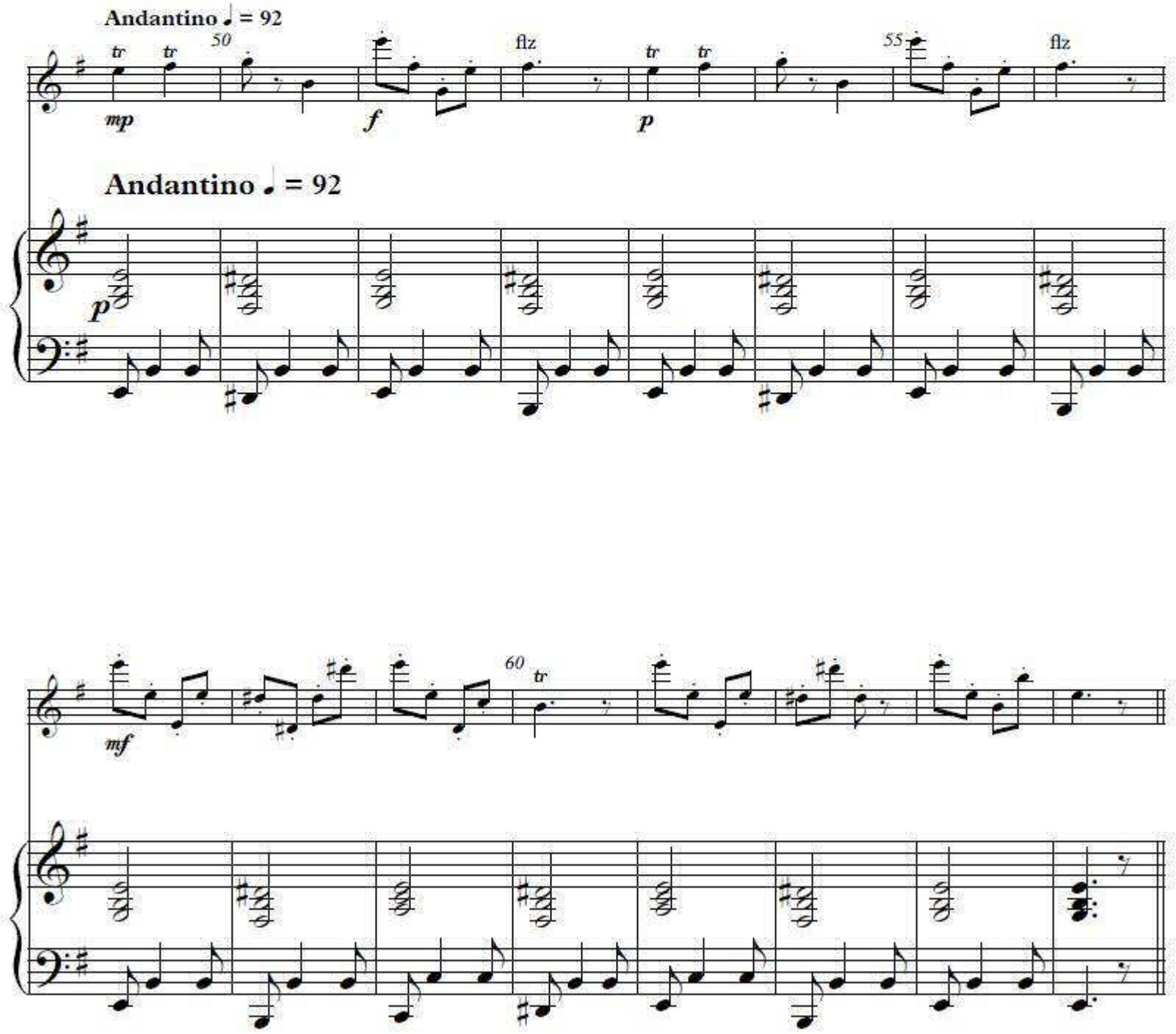
mf

45

mf

mp




Andantino ♩ = 92
tr
tr
50
mp
f
flz
tr
tr
p
55
flz
Andantino ♩ = 92
p

mf
60
tr

Allegretto

65

f

p

Allegretto

mf

pp

70

f

mf

75

mf

rit.

80

rit.

mp

Andante ♩ = 80

85

pp

Andante ♩ = 80

pp

90

95 rit.

rit.

Andantino

100

mf

Andantino

mp

105

110

Allegretto

115

mf

Allegretto

mp

120

rit.

125

rit.

Flûte

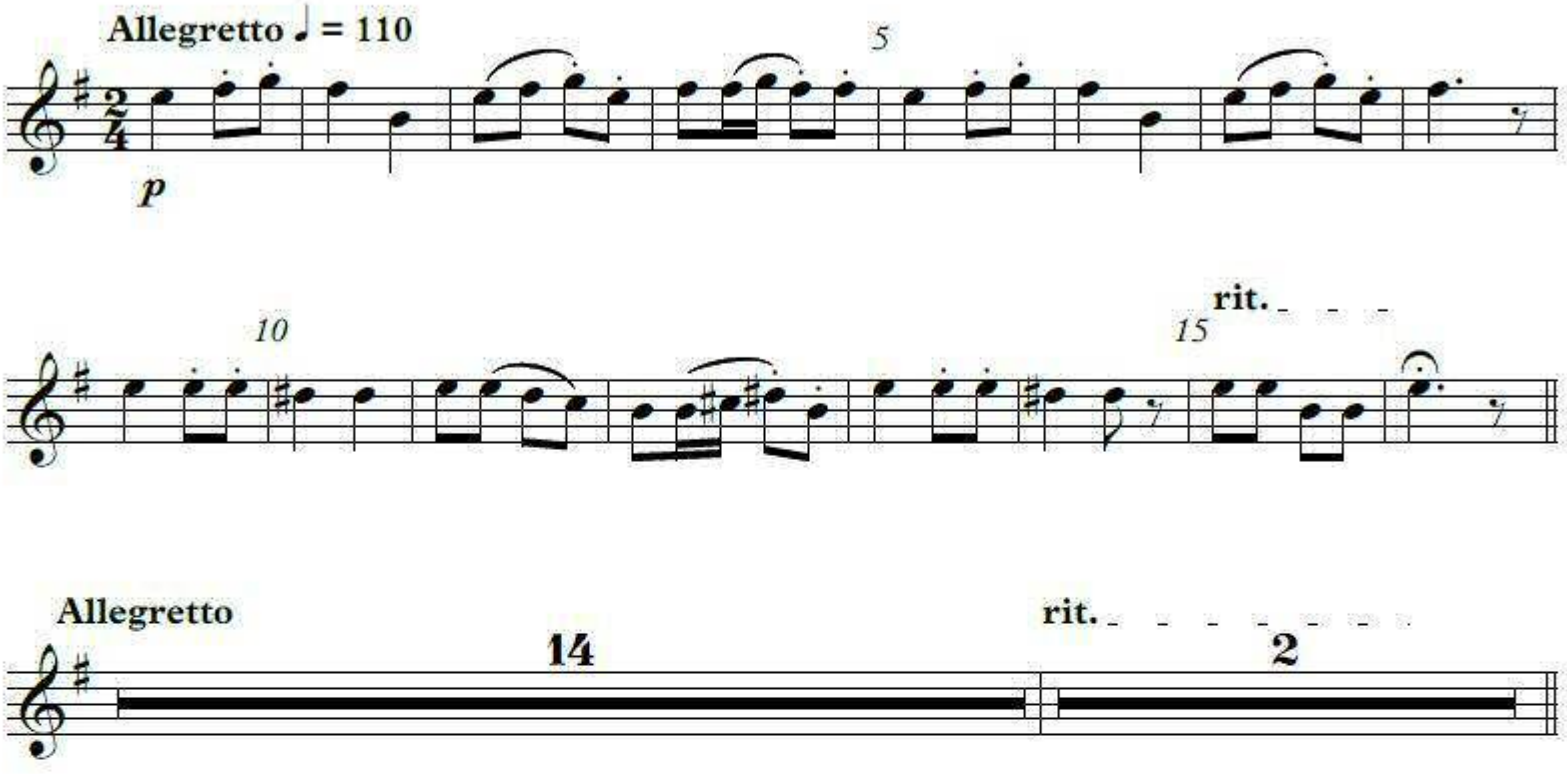
Pour Iwona Glinka

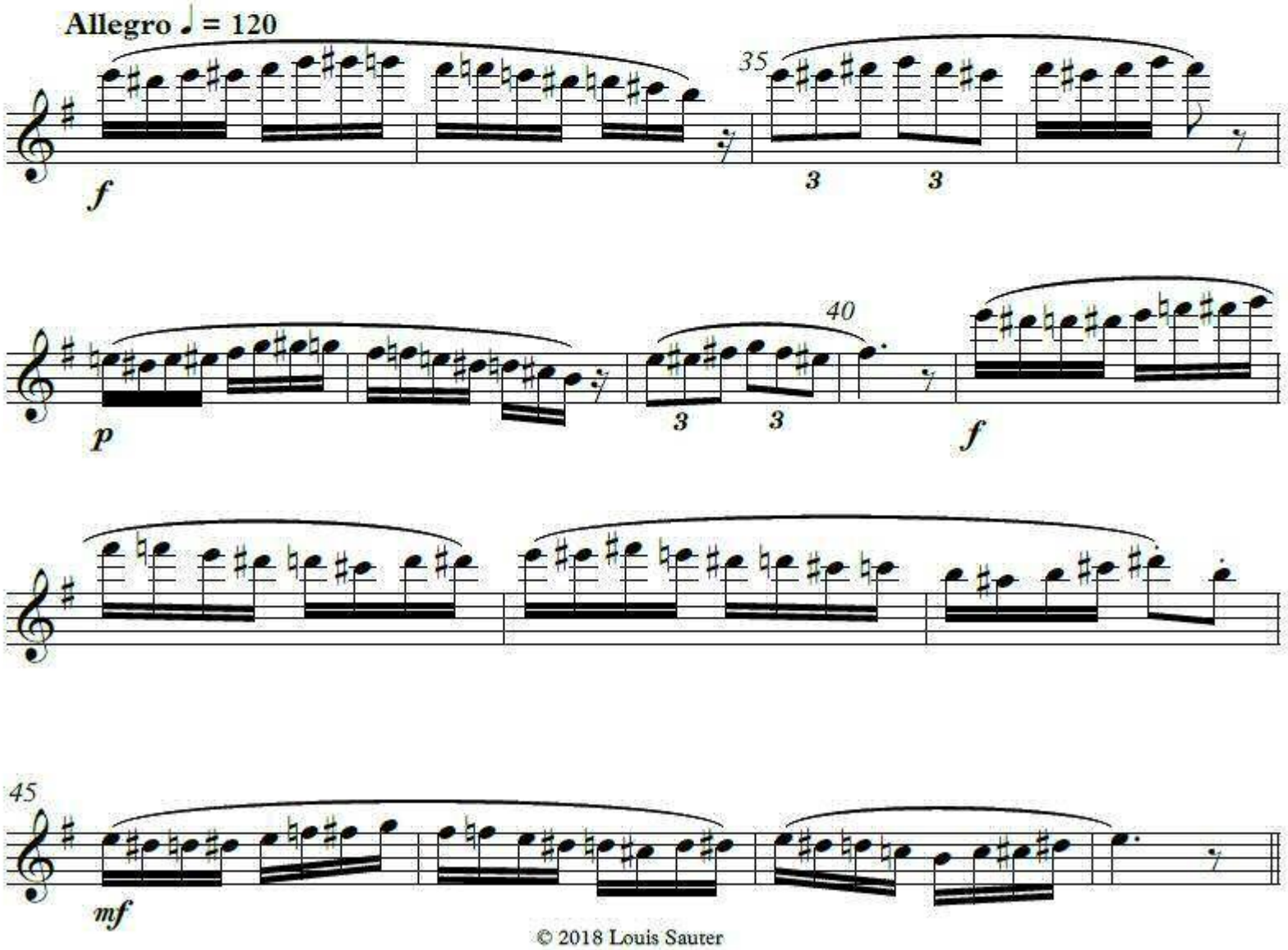
Fantaisie niçoise

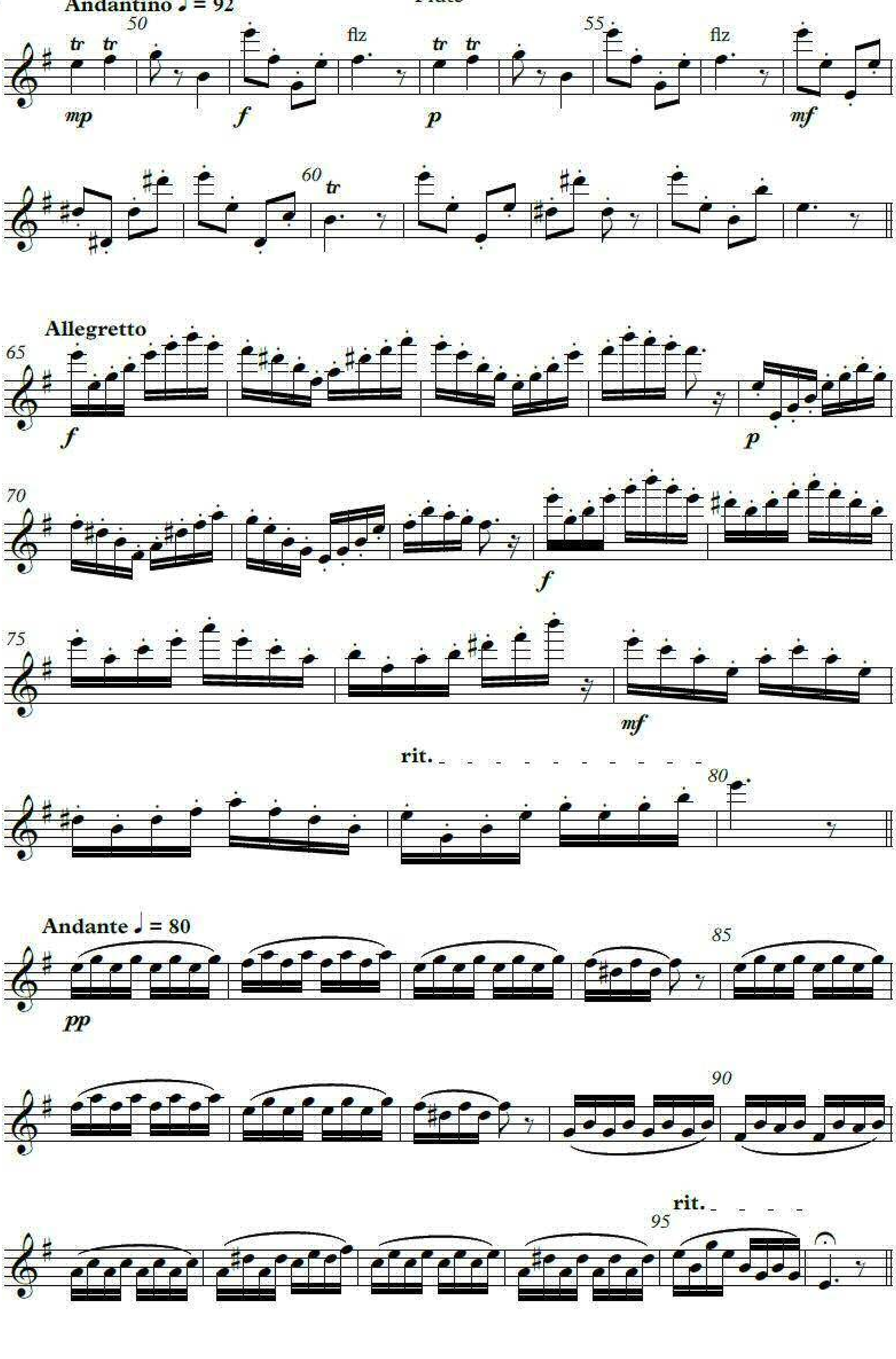
pour flûte et piano (ou guitare)

Louis Sauter

I. Variations sur "Pastre, Pastressa"






Andantino ♩ = 92
tr tr
50
mp
f
flz
p
tr tr
55
flz
mf
60
tr
Allegretto
65
f
p
70
f
75
mf
rit.
80
Andante ♩ = 80
pp
85
90
rit.
95

Andantino

100

mf

105

110

Allegretto

115

mf

120

125

rit.

Guitare

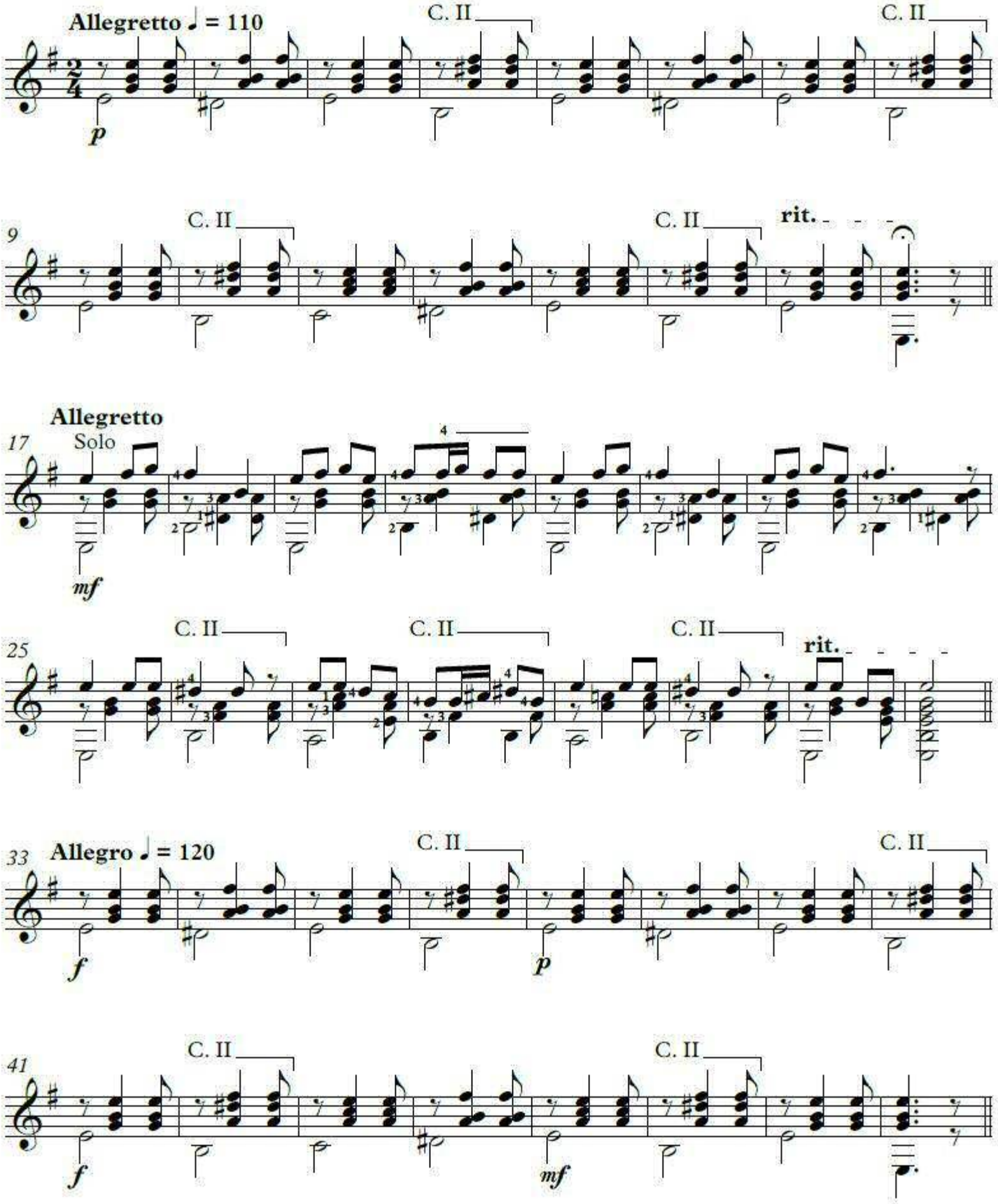
Dédiée à Iwona Glinka

Fantaisie niçoise

pour flûte et piano (ou guitare)

I. Variations sur "Pastre, Pastressa"

Louis Sauter



Guitare

49 **Andantino ♩ = 92**

C. II

C. II

p

57

C. II

C. II

65 **Allegretto**

C. II

C. II

f

p

73

C. II

C. II

rit.

f

mf

81 **Andante ♩ = 80**

p

89

C. II

rit.

97 **Andantino**

C. II

mf

102

C. II

C. II

107

C. II

113 **Allegretto**

C. II

C. II

mf

121

C. II

C. II

rit.

DAVID UDBJORG

RINGSTED, ZEALAND, DENMARK

VIDEO

yourshot.nationalgeographic.com/profile/674347/

Ostrich

https://www.youtube.com/watch?v=X5hPI1NvdcA

Video and Musical Composition by Jason Munn

transition

https://vimeo.com/396303921

Spiral Circus

https://soundcloud.com/jase-munn/spiral-circus?

The Path to Loch Ard

By Kit O'Saoraidhe

For Orchestra

The Path to Loch Ard

This darksome burn, horseback brown,

His rollrock highroad roaring down,

In coop and in comb the fleece of his foam

Flutes and low to the lake falls home.

Inversnaid, Gerard Manley Hopkins (1844–89)

The Path to Loch Ard is an evocation of a journey I took when I was a child through the Trossachs in Scotland. Its breathtaking landscape unfolds before you in an ever-changing tapestry through low heathland towards higher and higher crags which reveal themselves like cathedrals as you round each corner. Sparrowhawks wheel and dive to catch their prey. Upon reaching the Loch its tranquility at sunset is especially beautiful.

Orchestration

2 Flutes

2 Oboes

2 Bassoons

2 Horns

3 Timpani

Harp

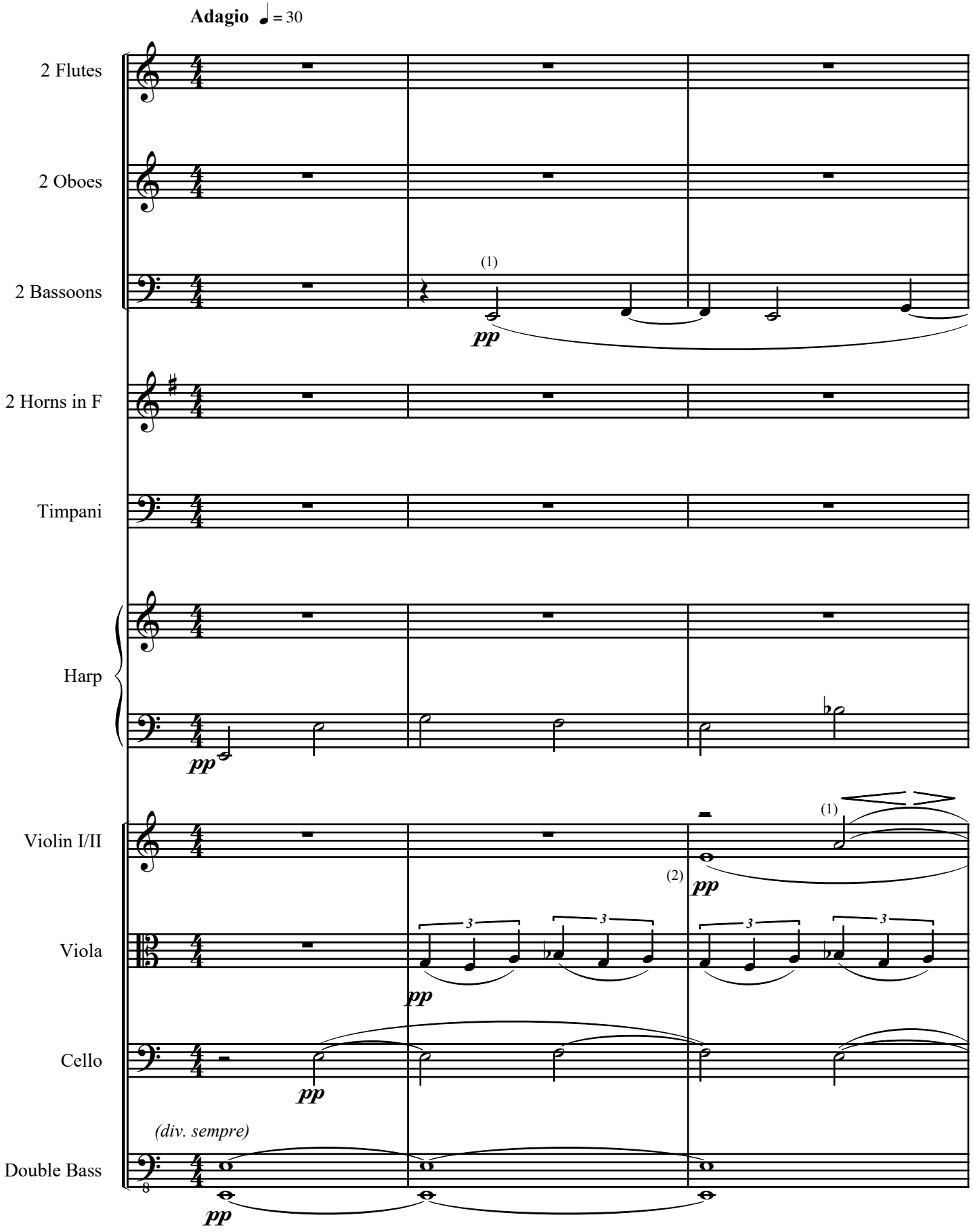
Strings

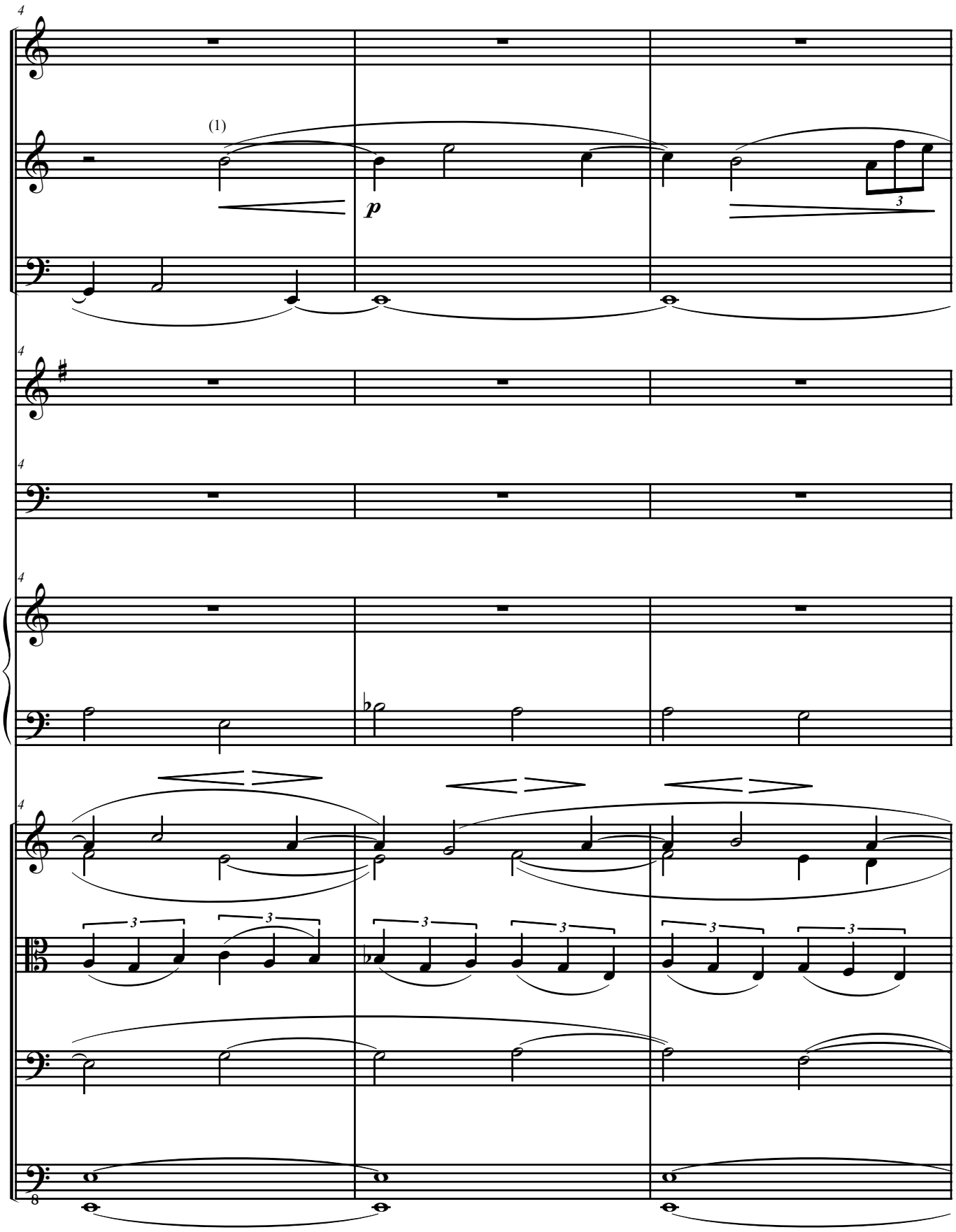
Score

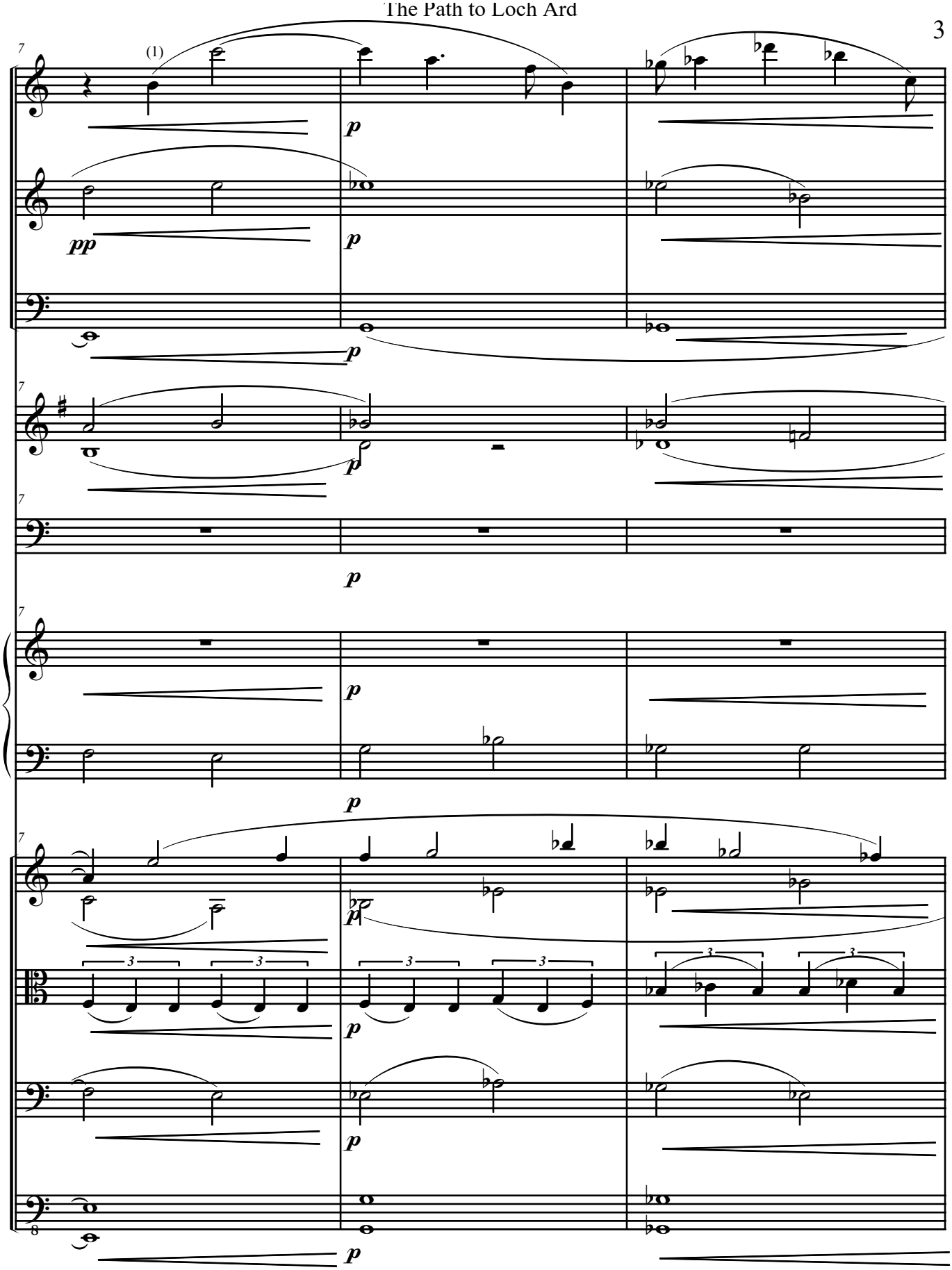
The Path to Loch Ard

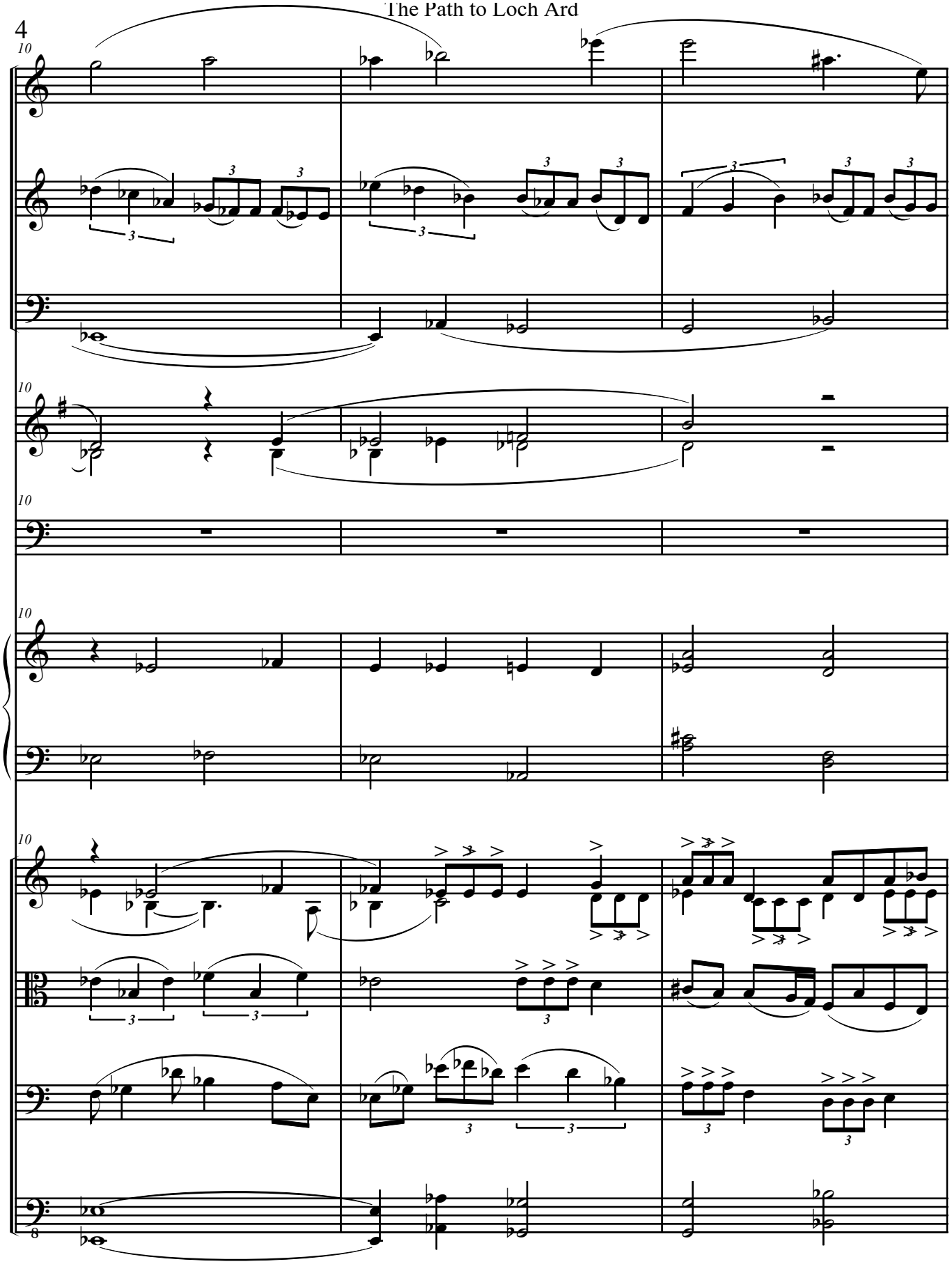
for Peter Mobley

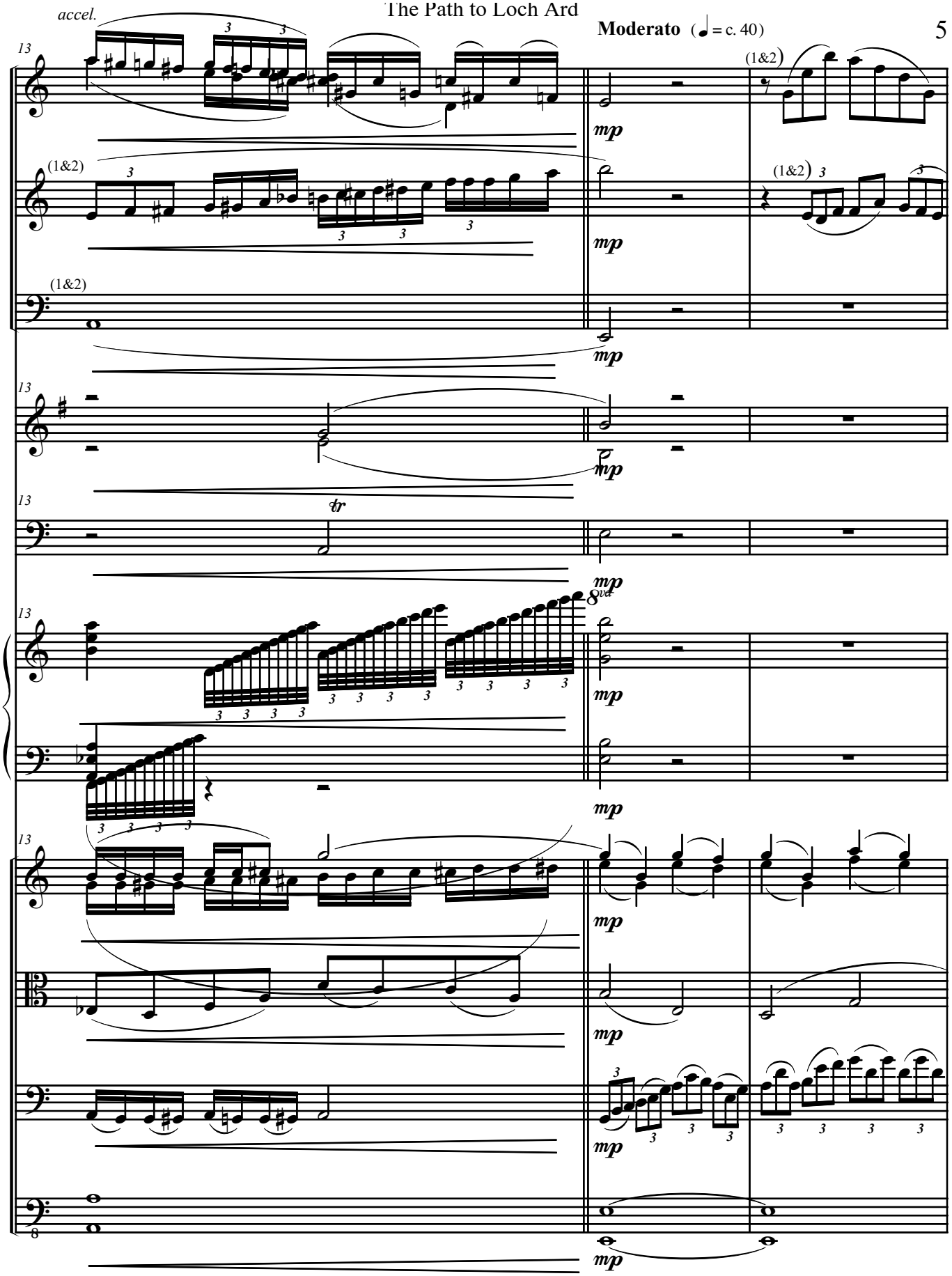
Kit O'Saoraidhe (2013)

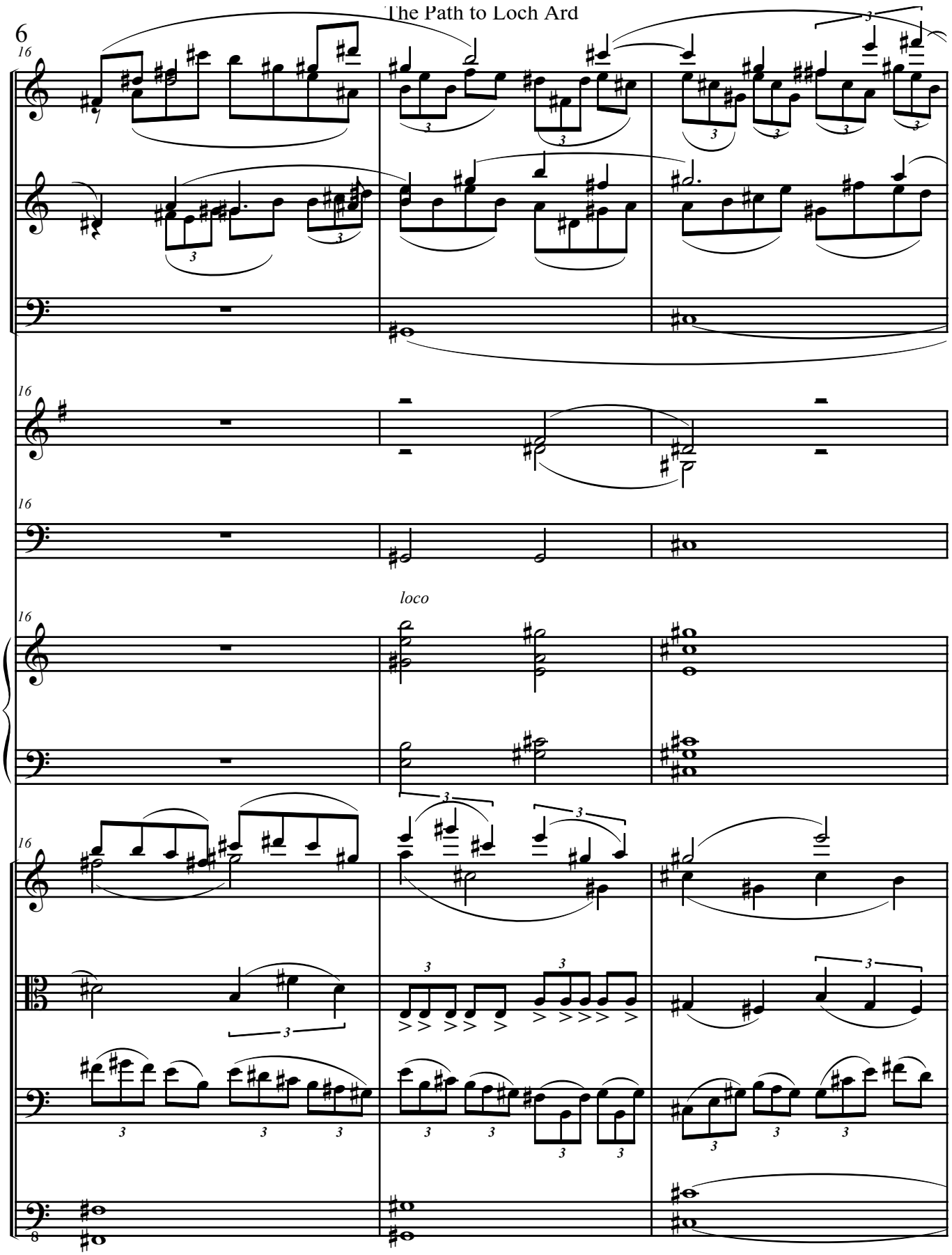


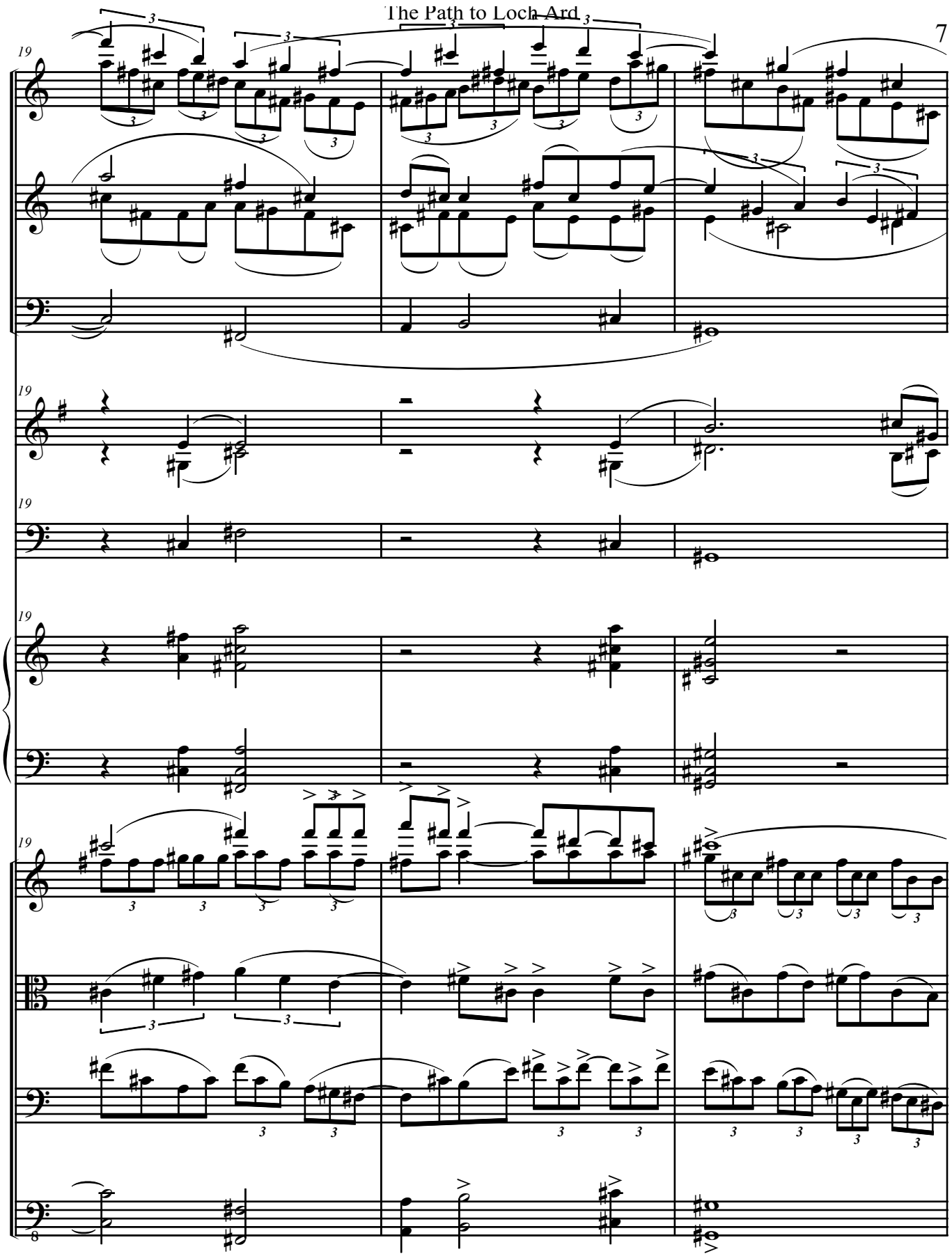

2 Fl.
2 Ob.
(1)
p
3
2 Bsn.
2 Hn.
Timp.
Hp.
ln. I/II
Vla.
3
Vc.
D.B.
8

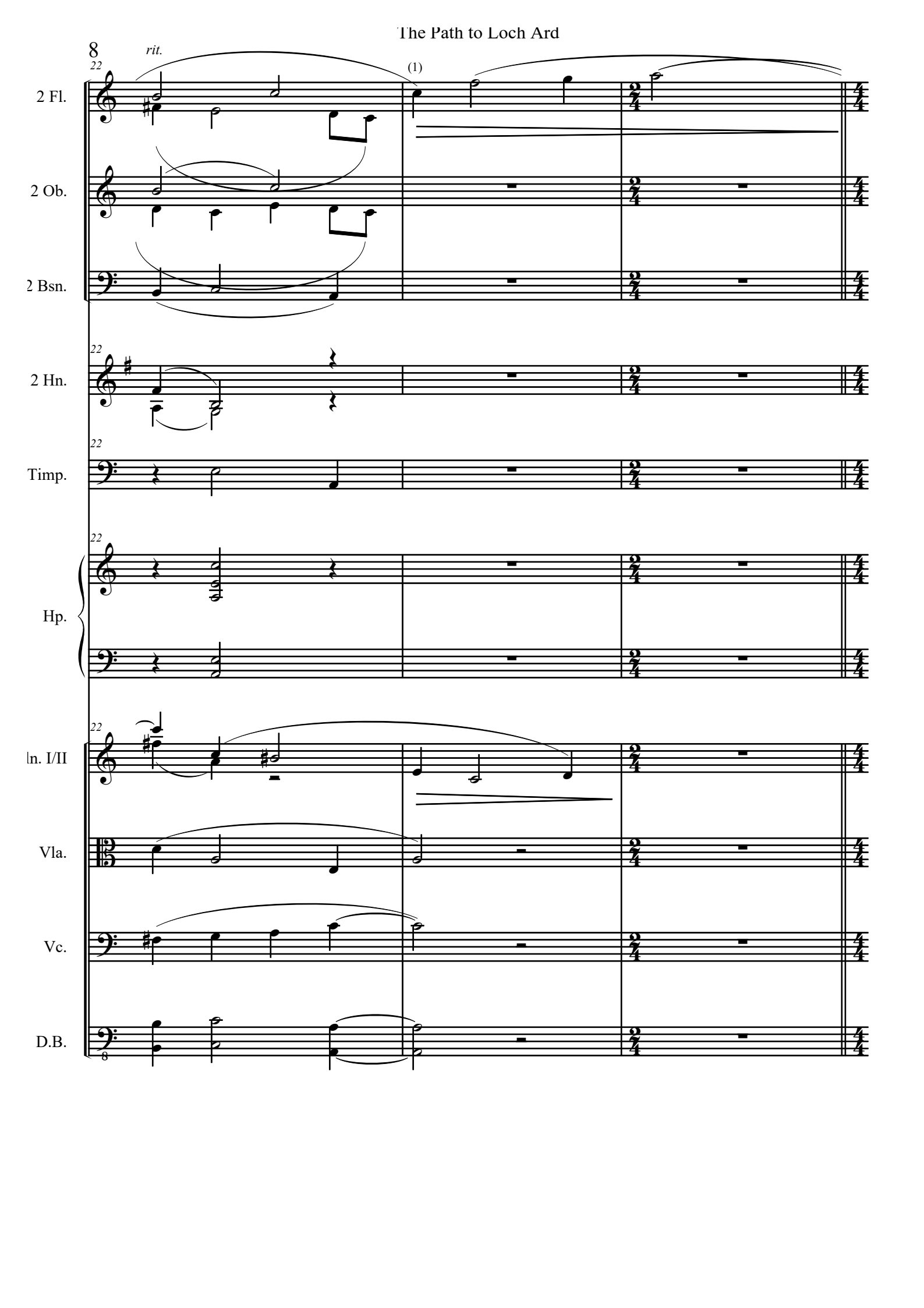

2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
Hp.
Vln. I/II
Vla.
Vc.
D.B.
(1)
pp
p

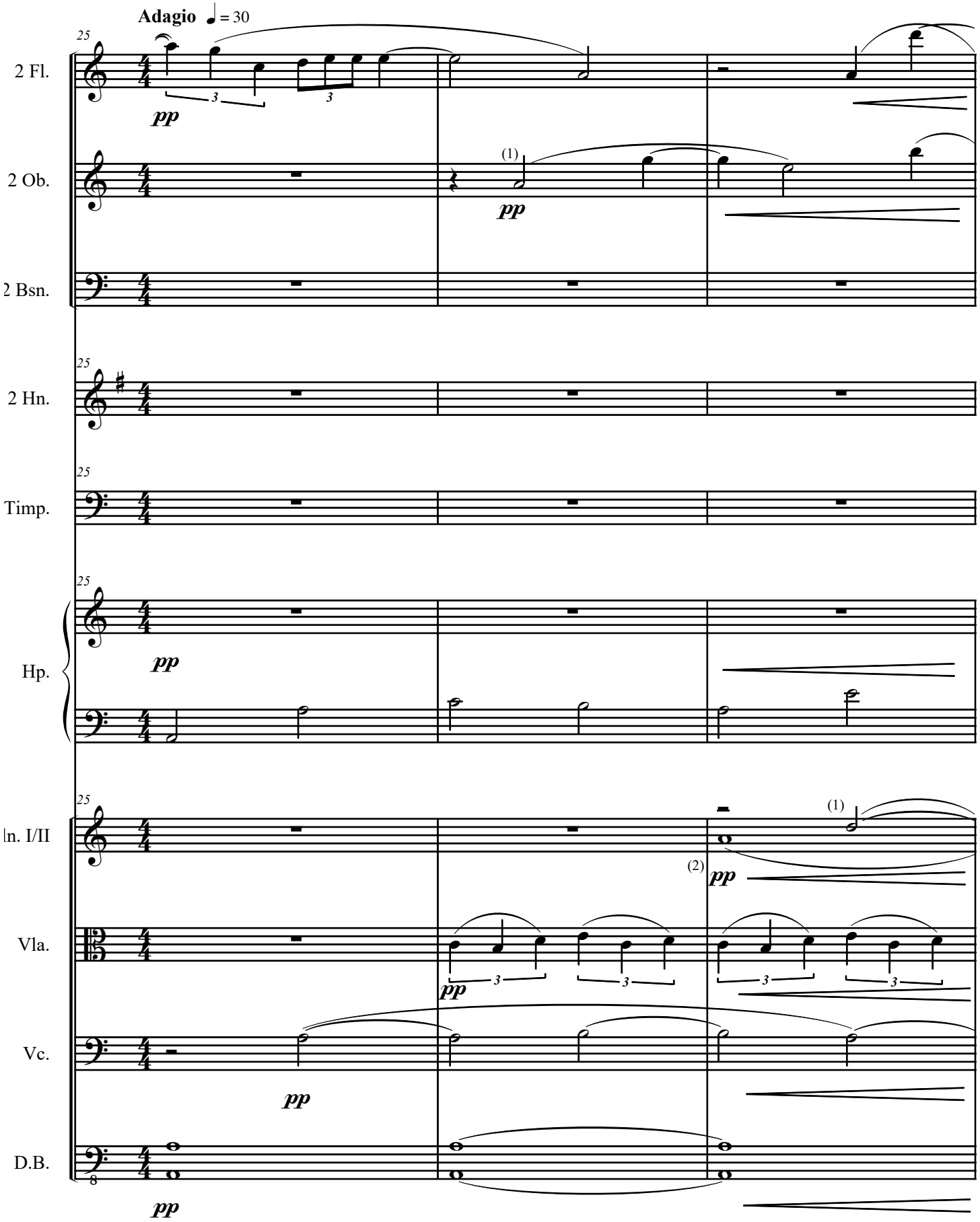

10
2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
Hp.
In. I/II
Vla.
Vc.
D.B.

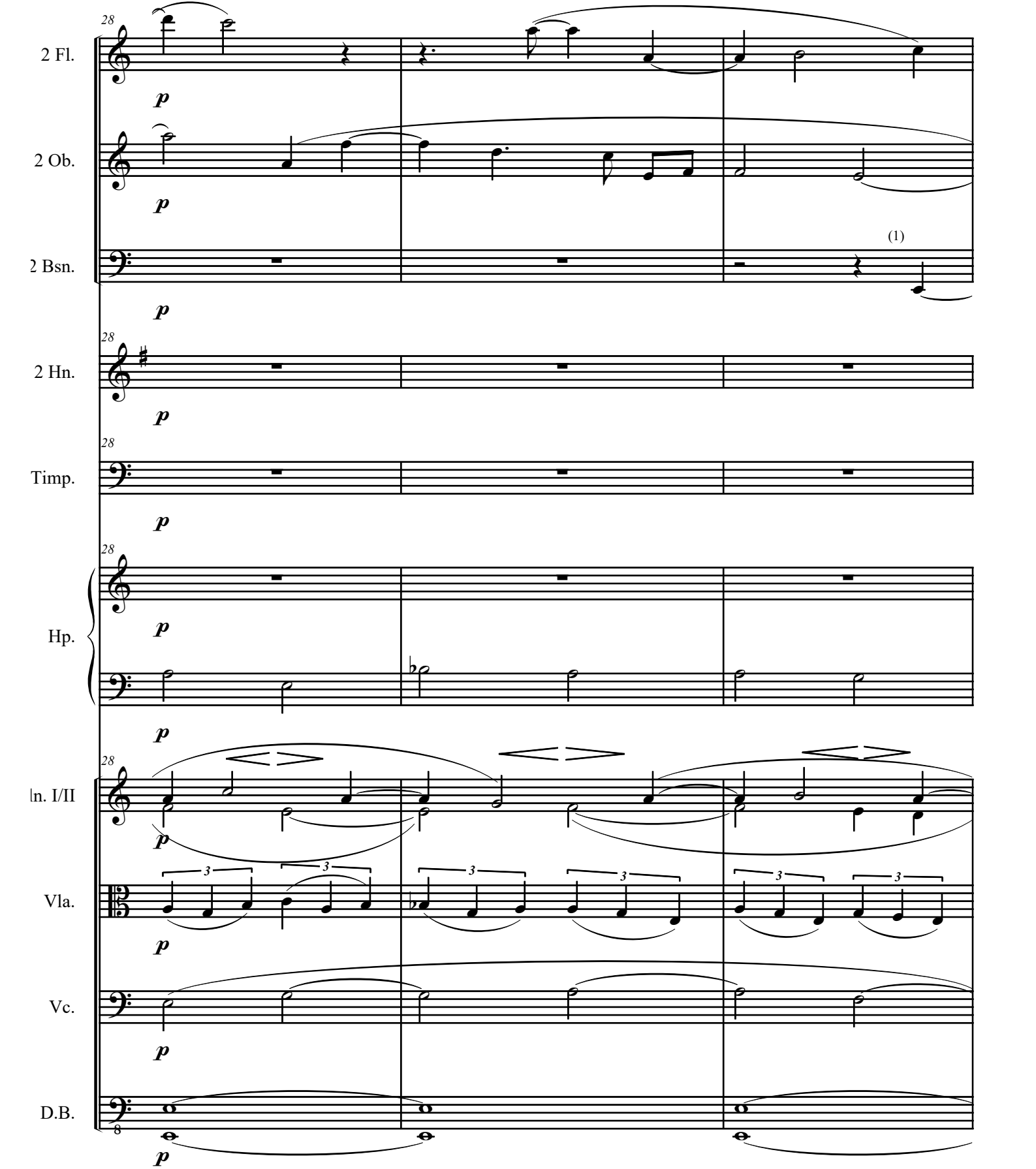

accel.
Moderato (♩ = c. 40)
2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
Hp.
Vln. I/II
Vla.
Vc.
D.B.
(1&2)
mp
tr
8va

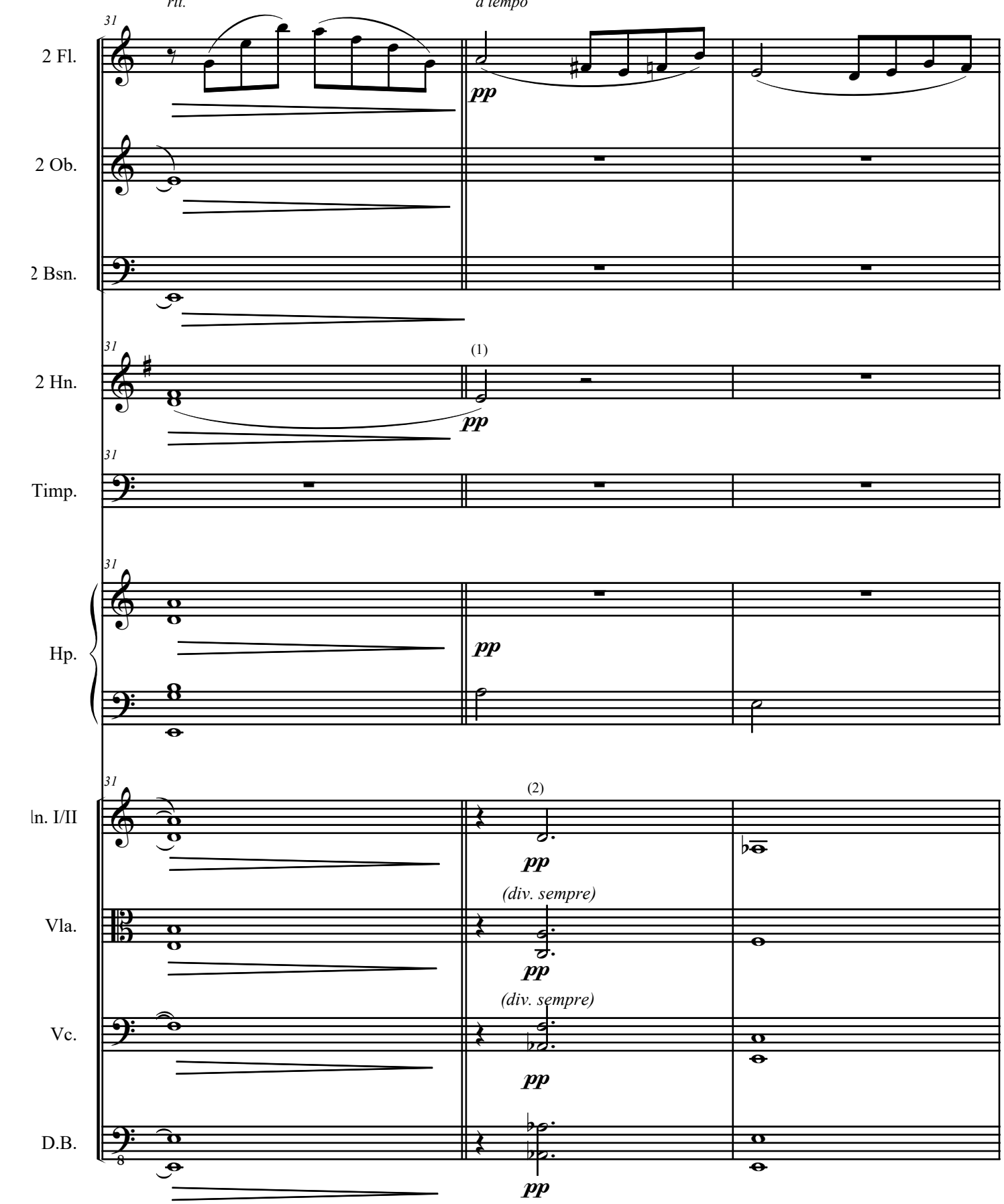

2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
loco
Hp.
ln. I/II
Vla.
Vc.
D.B.

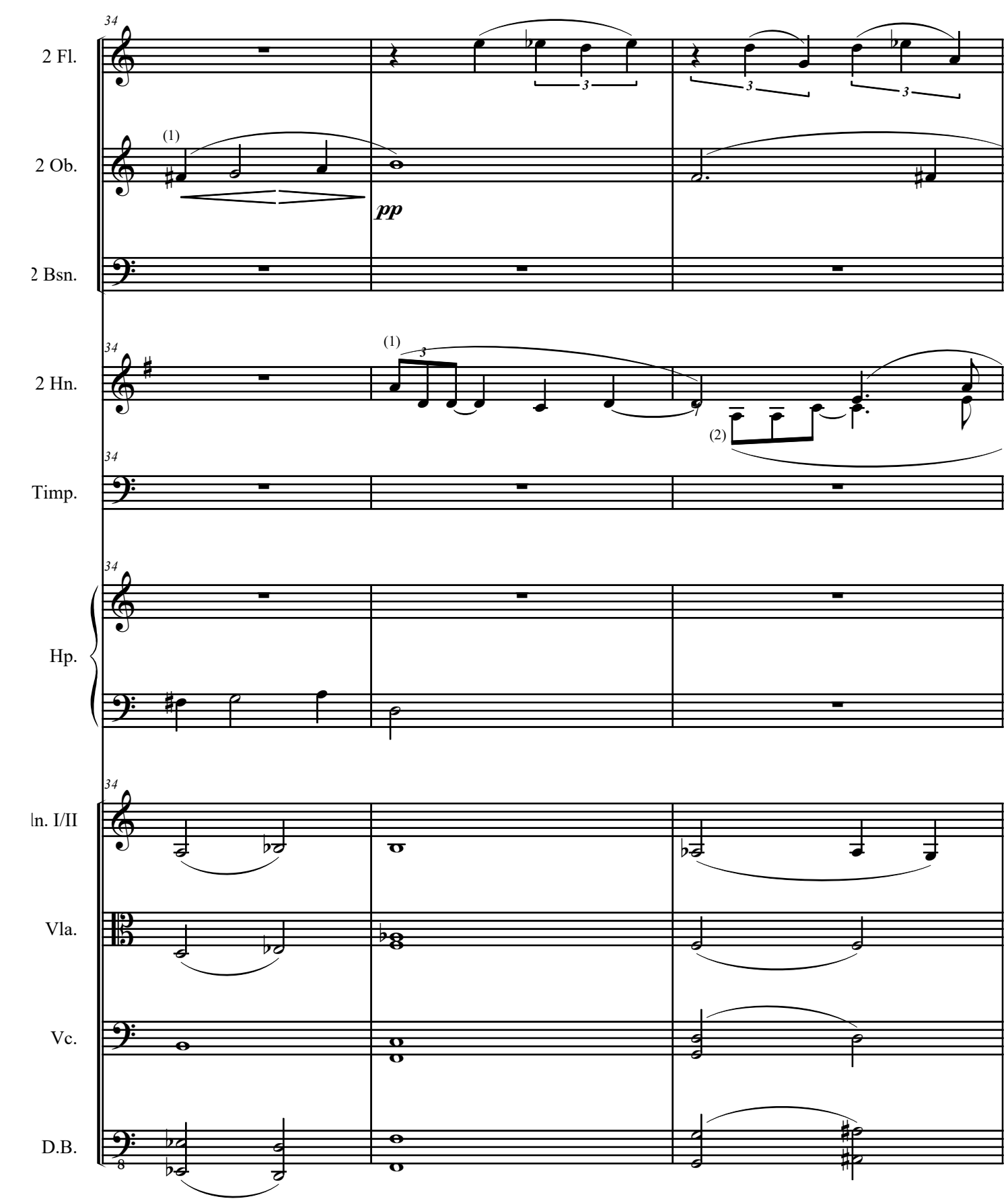

19
2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
Hp.
Vln. I/II
Vla.
Vc.
D.B.

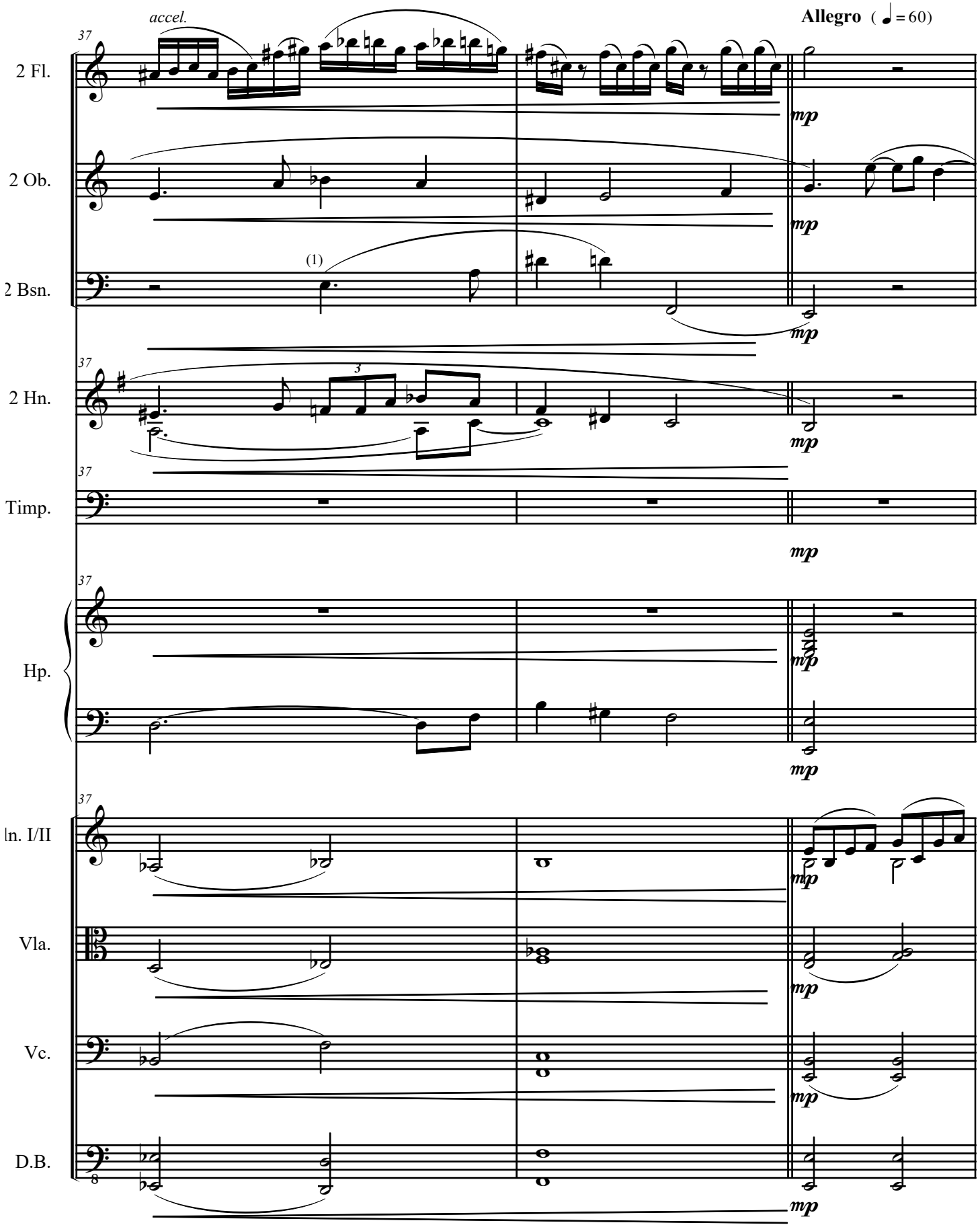

8
rit.
22
(1)
2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
Hp.
In. I/II
Vla.
Vc.
D.B.

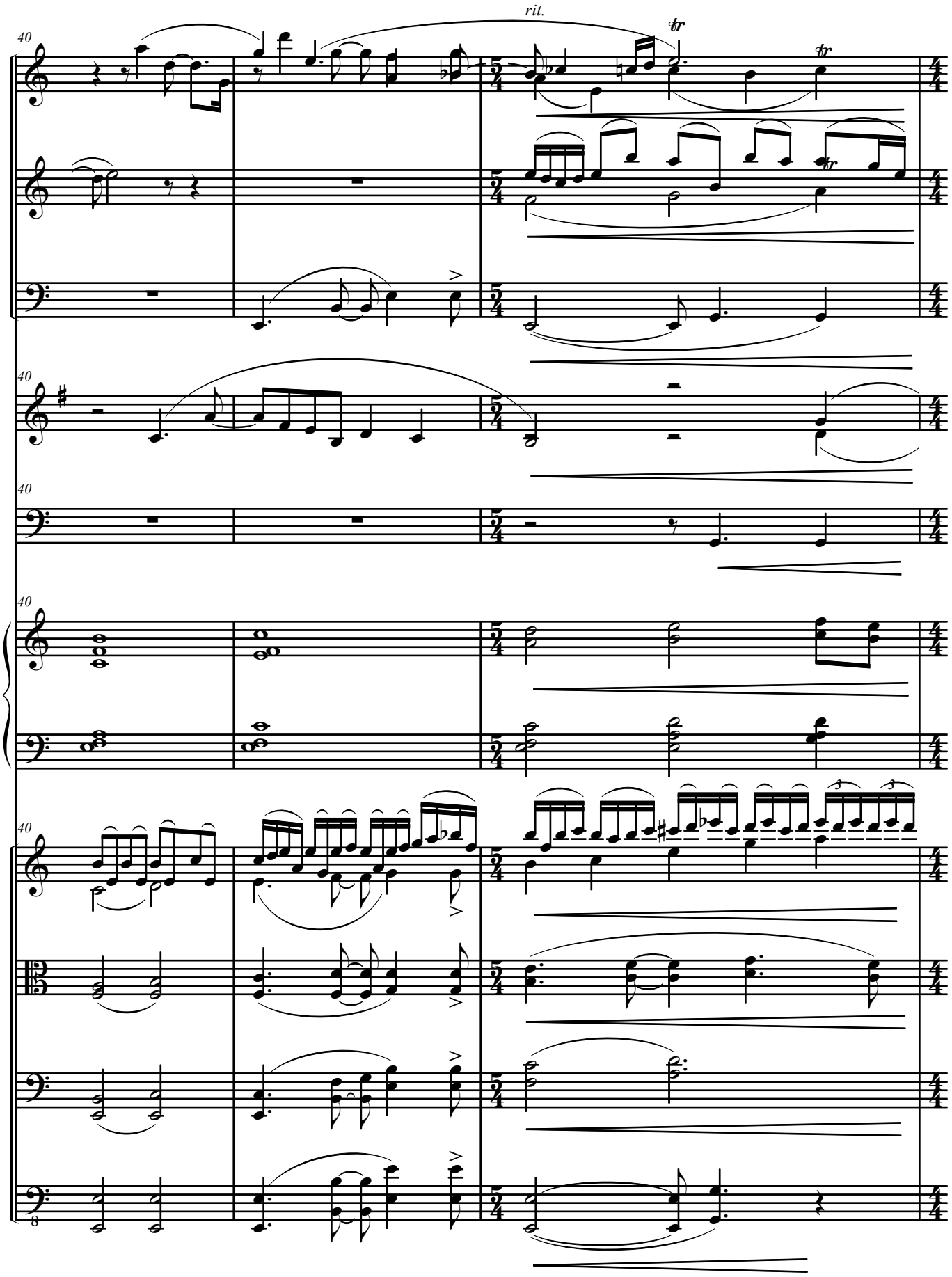

Adagio ♩ = 30
25
2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
Hp.
Vln. I/II
Vla.
Vc.
D.B.
pp
(1)
(2)
3
8

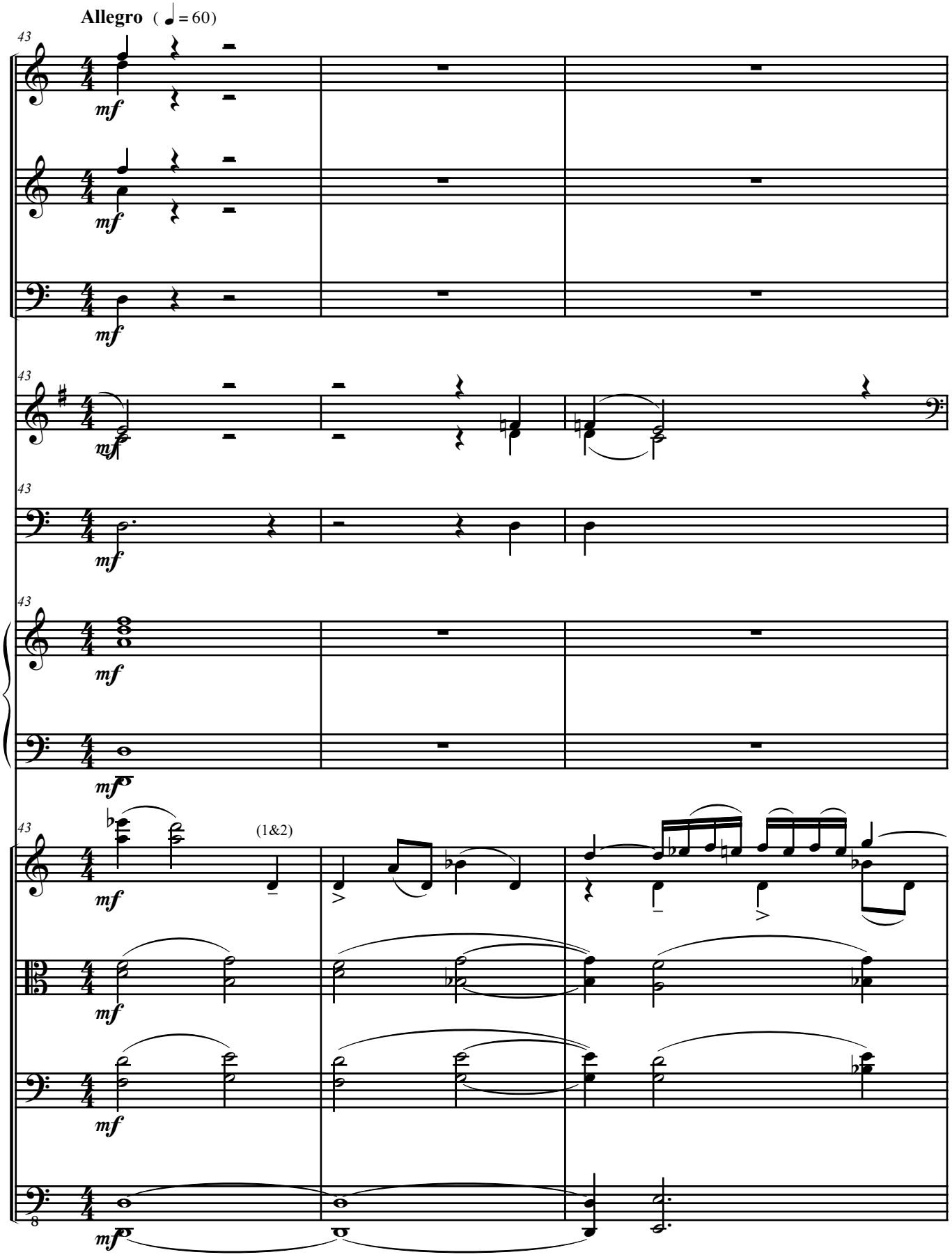

28
2 Fl.
p
2 Ob.
p
(1)
2 Bsn.
p
28
2 Hn.
p
28
Timp.
p
28
Hp.
p
p
28
ln. I/II
p
3
Vla.
p
Vc.
p
D.B.
8
p

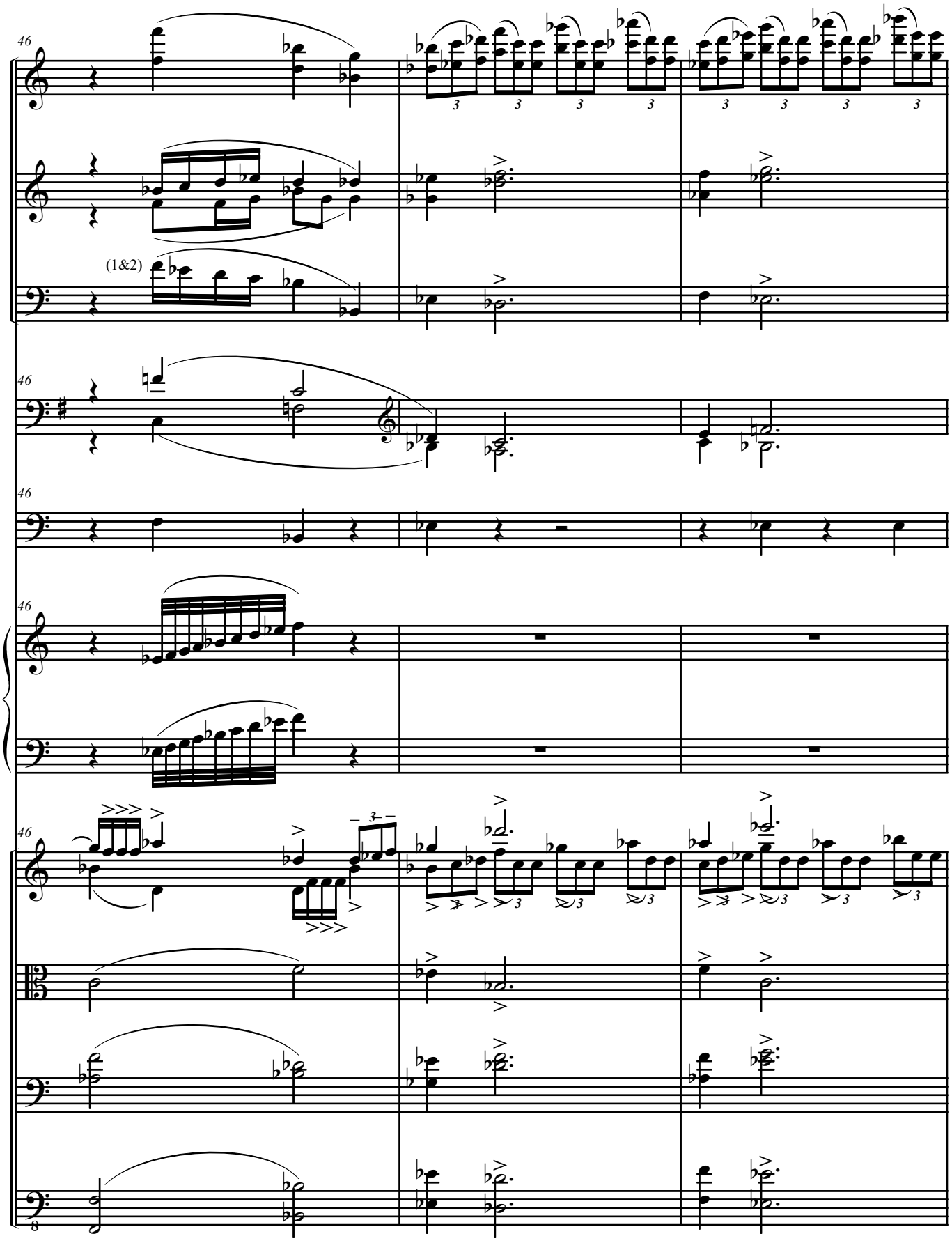

rit.
a tempo
31
2 Fl.
pp
2 Ob.
2 Bsn.
31
(1)
2 Hn.
pp
31
Timp.
31
Hp.
pp
31
(2)
ln. I/II
pp
(div. sempre)
Vla.
pp
(div. sempre)
Vc.
pp
D.B.
8
pp

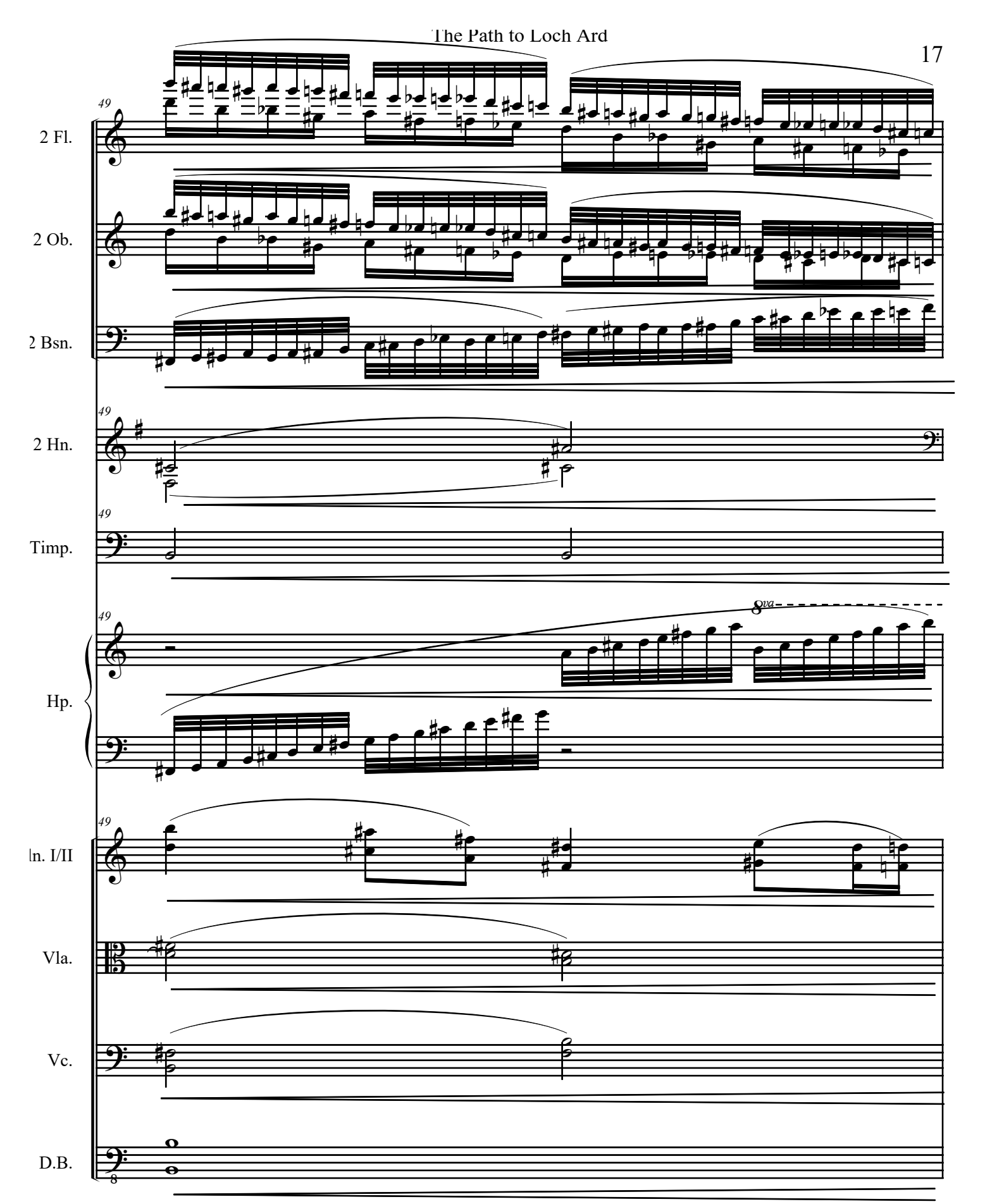

2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
Hp.
ln. I/II
Vla.
Vc.
D.B.
34
(1)
pp
(2)

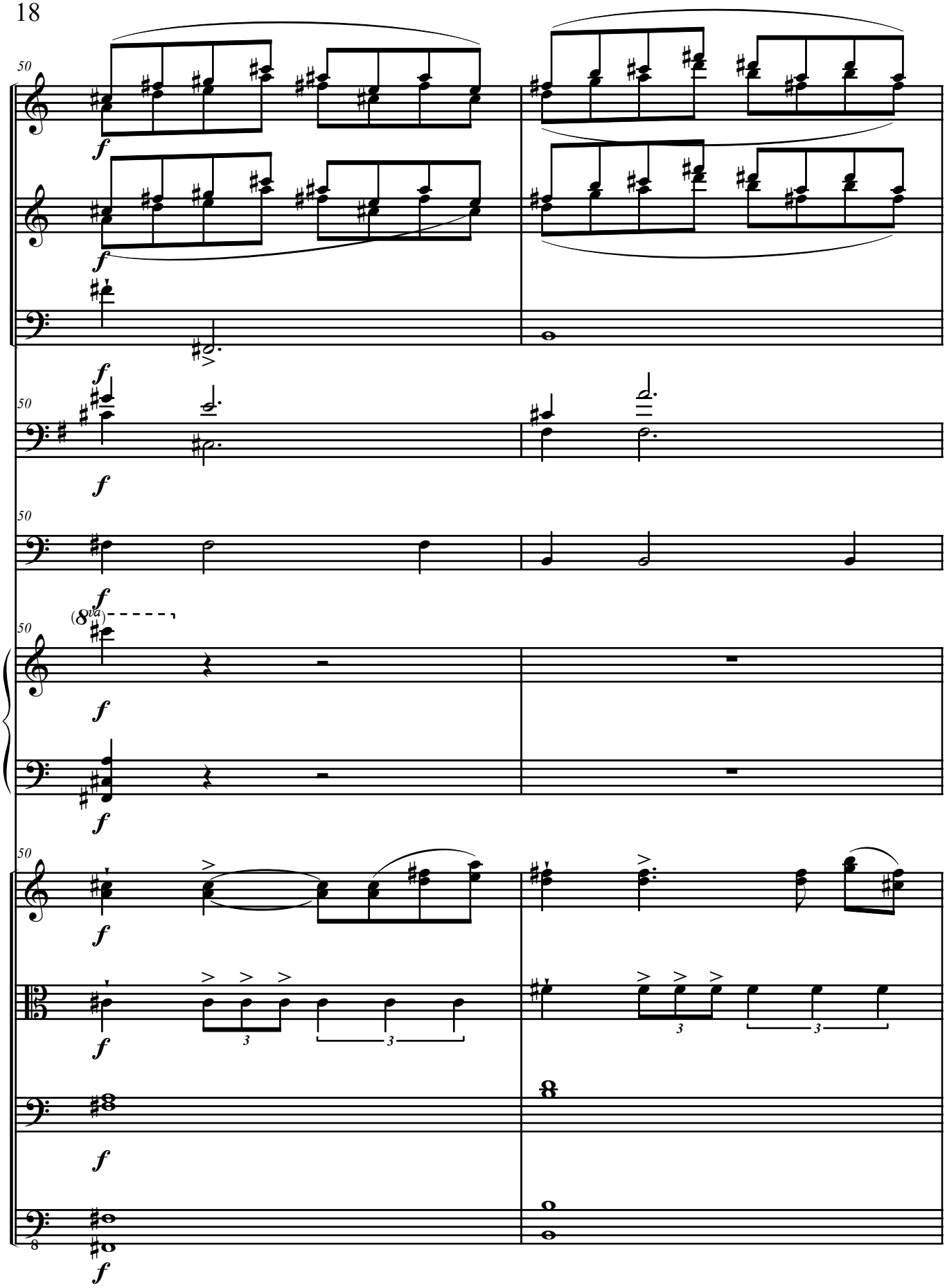

accel.
Allegro (= 60)
37
2 Fl.
2 Ob.
2 Bsn.
(1)
2 Hn.
3
Timp.
Hp.
ln. I/II
Vla.
Vc.
D.B.
mp

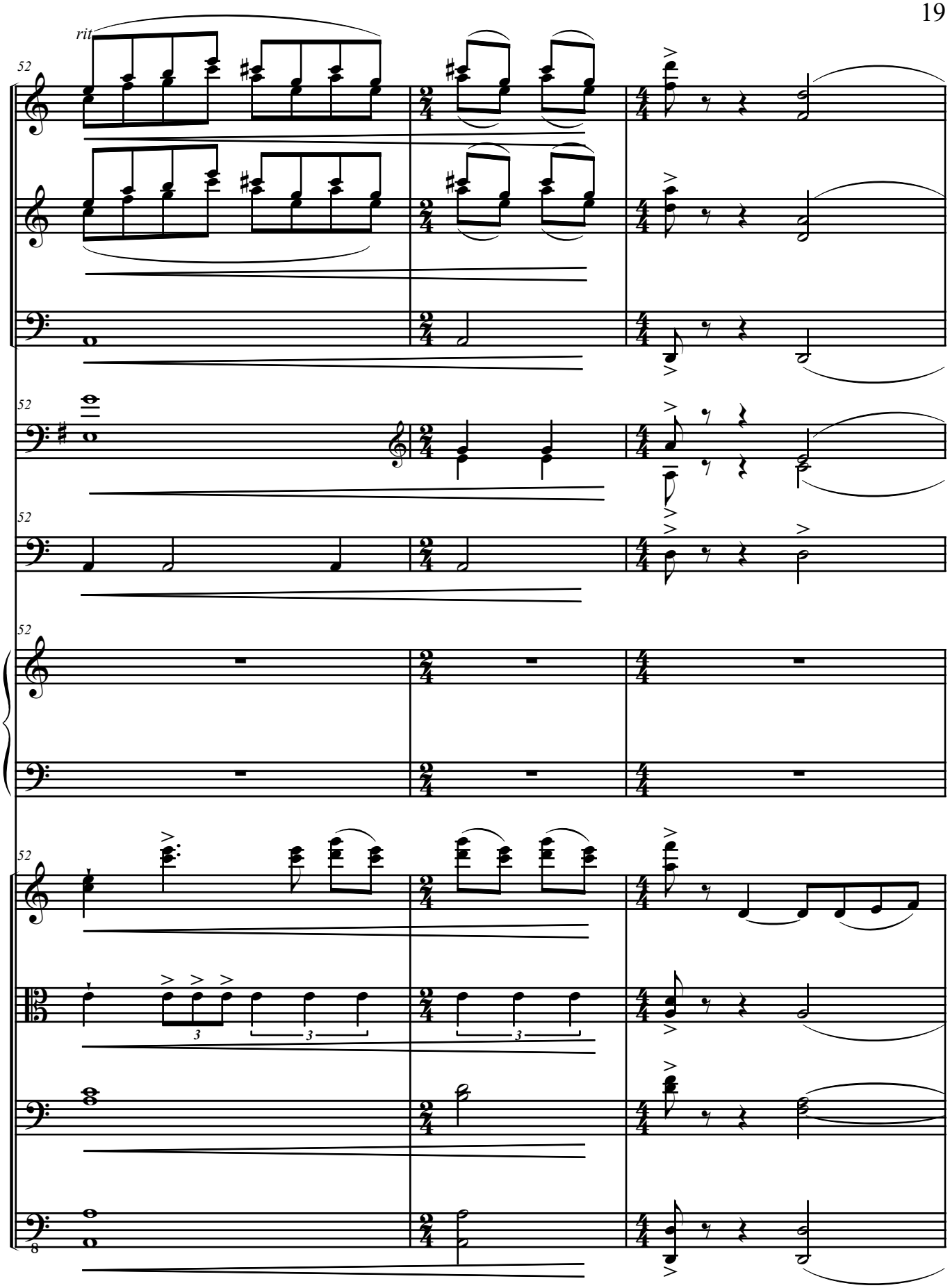

rit.
2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
Hp.
Vln. I/II
Vla.
Vc.
D.B.

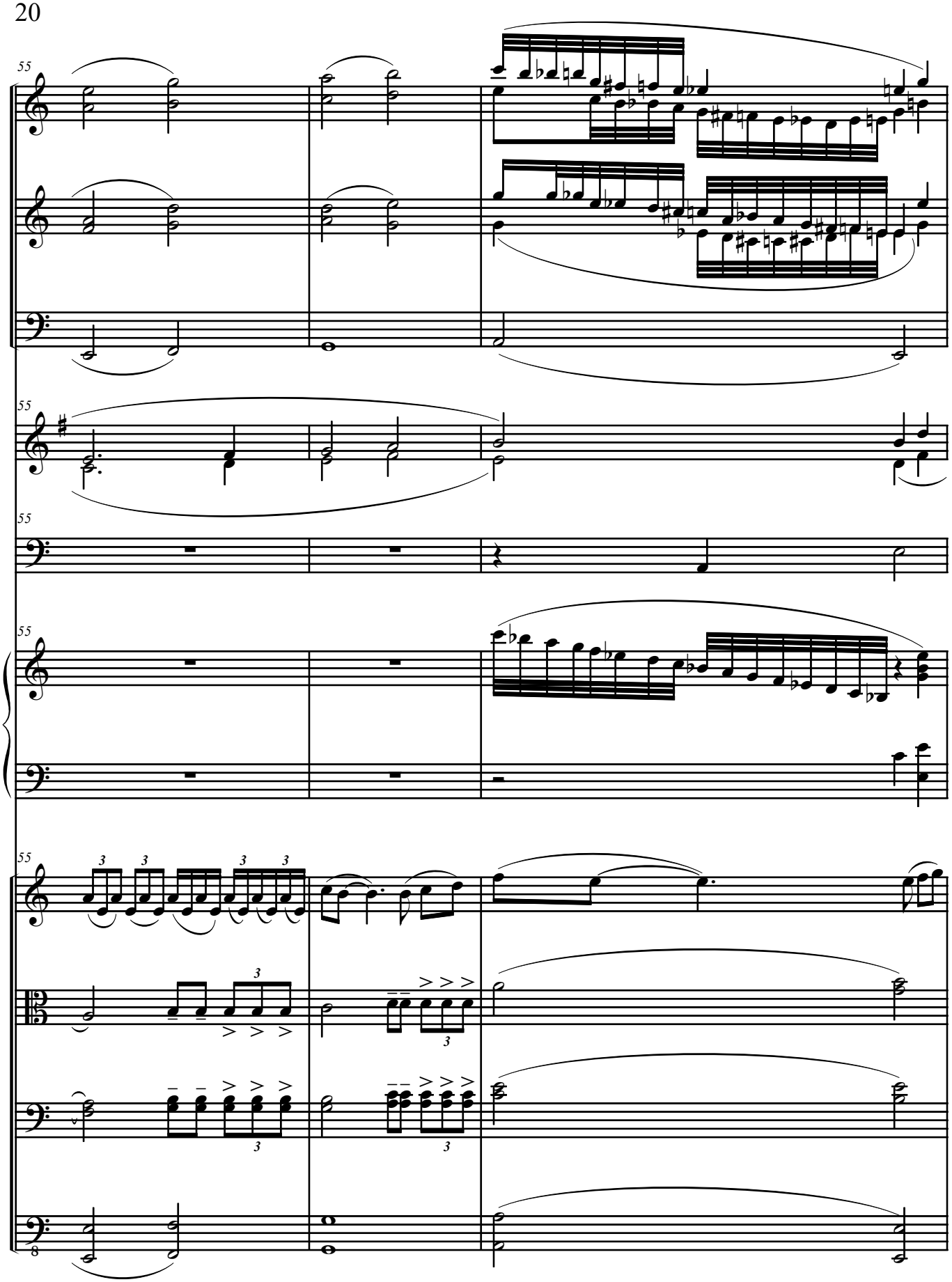

Allegro (= 60)
43
2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
Hp.
Hn. I/II
Vla.
Vc.
D.B.
mf
(1&2)

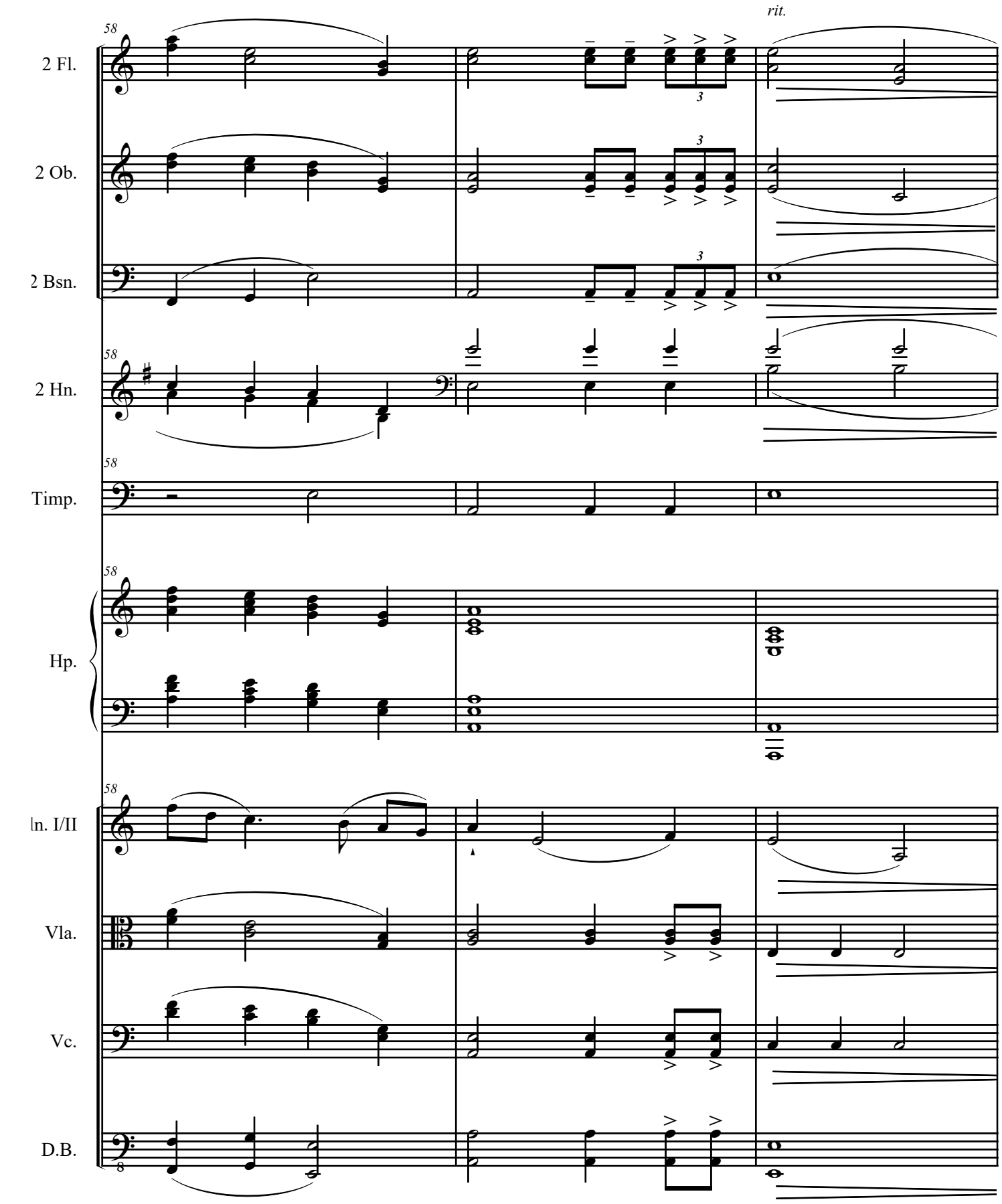

46
2 Fl.
2 Ob.
(1&2)
2 Bsn.
46
2 Hn.
46
Timp.
46
Hp.
46
In. I/II
Vla.
Vc.
D.B.

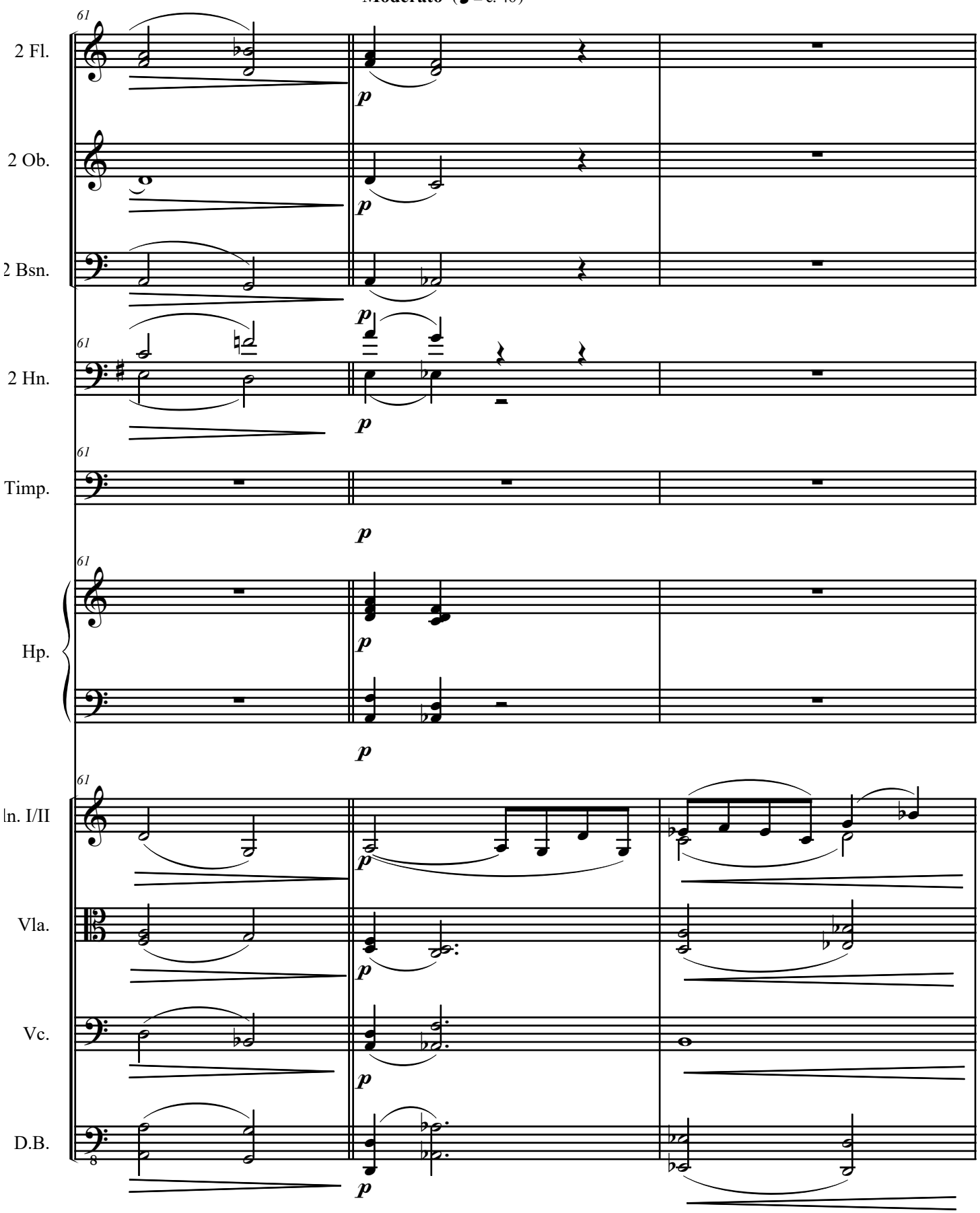

49
2 Fl.
2 Ob.
2 Bsn.
49
2 Hn.
49
Timp.
49
8va
Hp.
49
In. I/II
Vla.
Vc.
D.B.

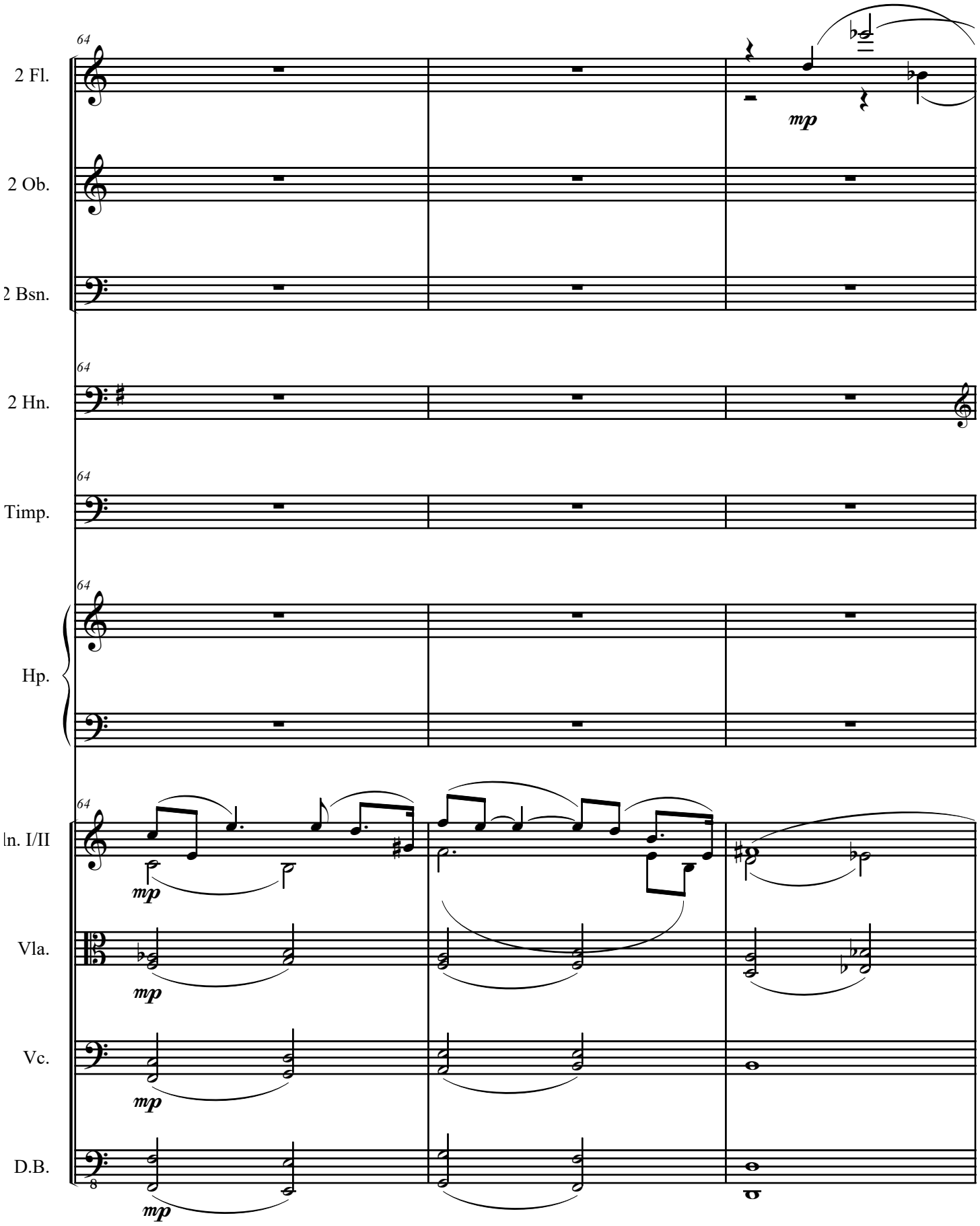

50
2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
Hp.
(8va)
ln. I/II
Vla.
Vc.
D.B.
f
3

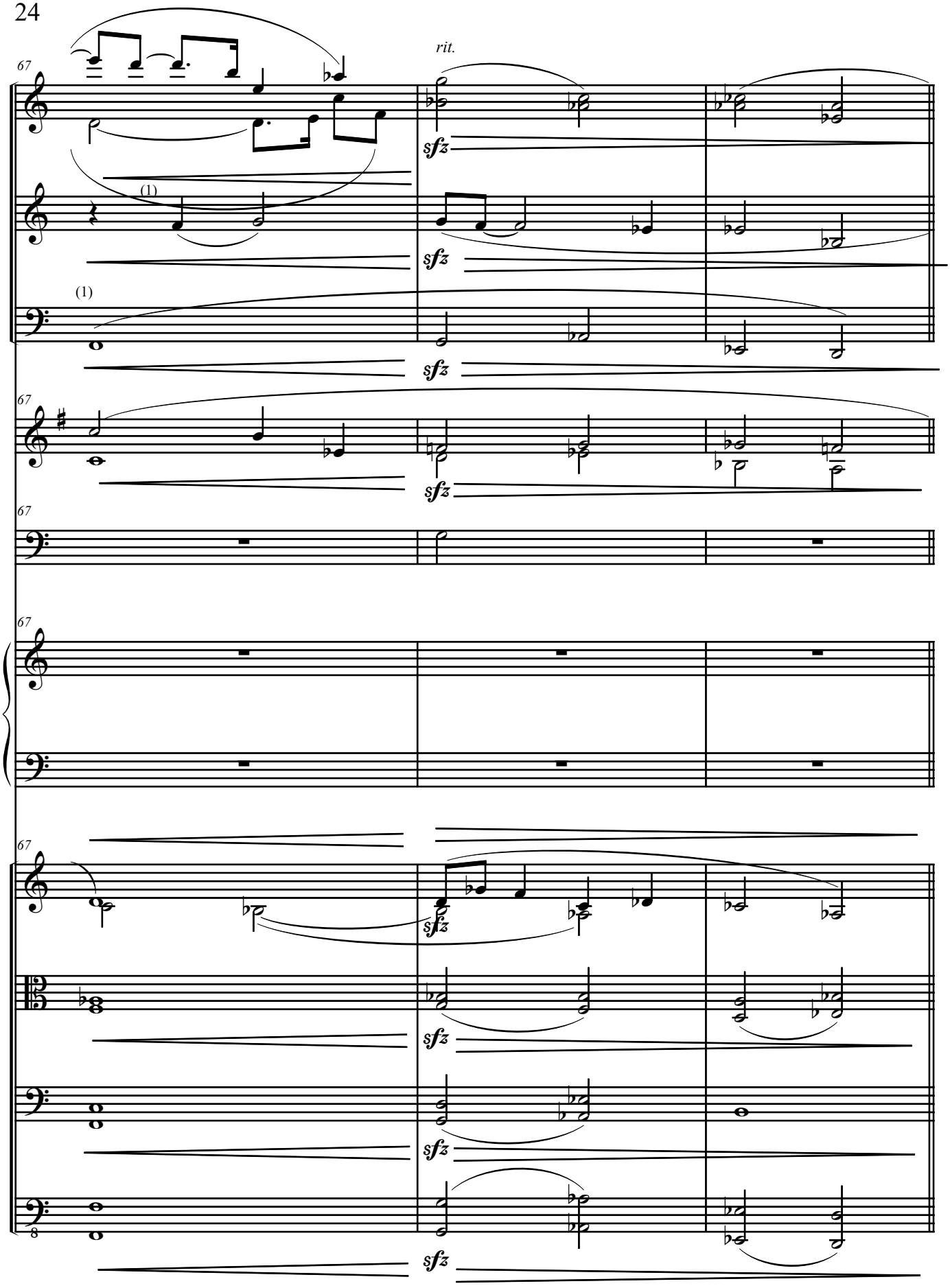

rit
52
2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
Hp.
In. I/II
Vla.
Vc.
D.B.

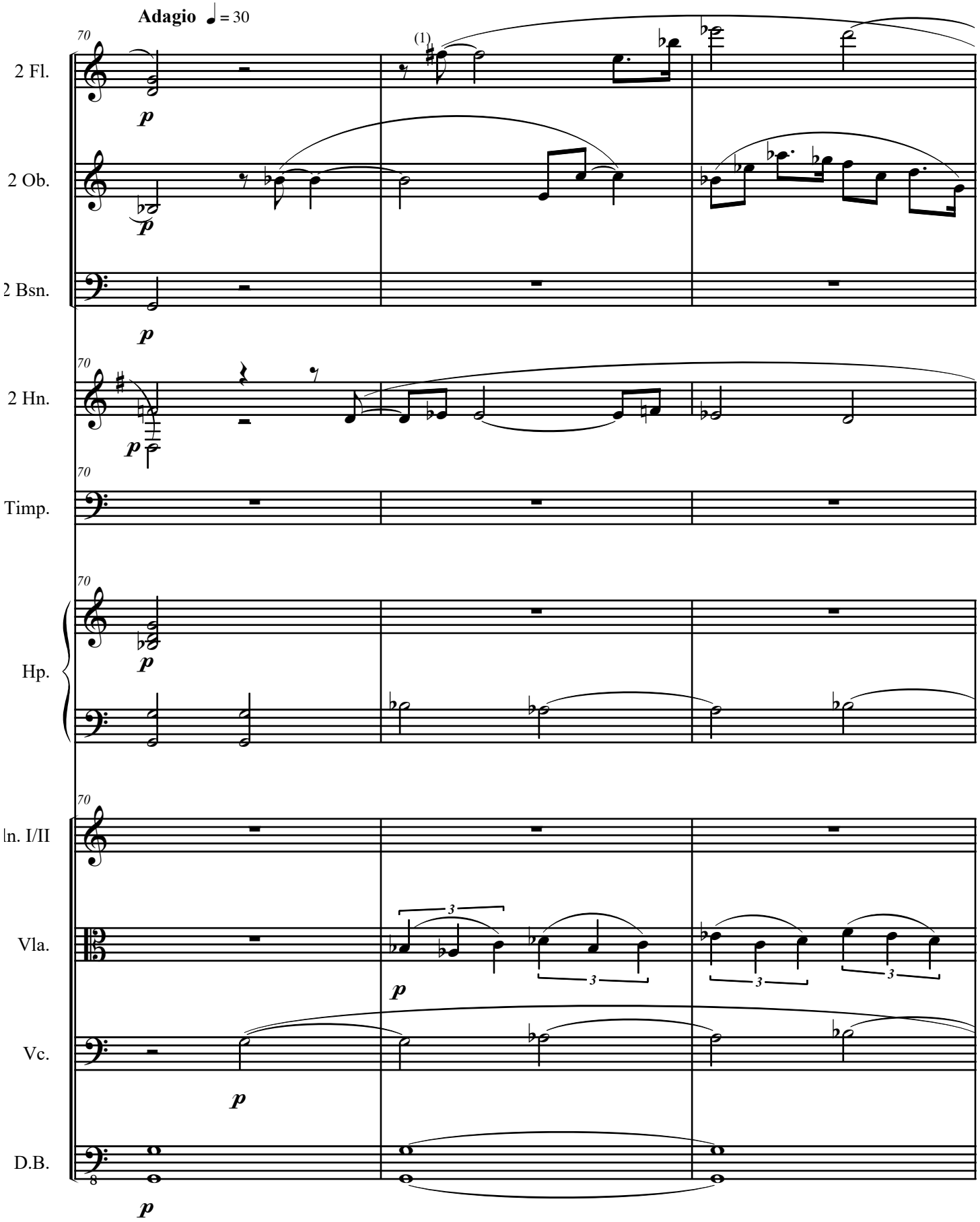

55
2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
Hp.
In. I/II
Vla.
Vc.
D.B.

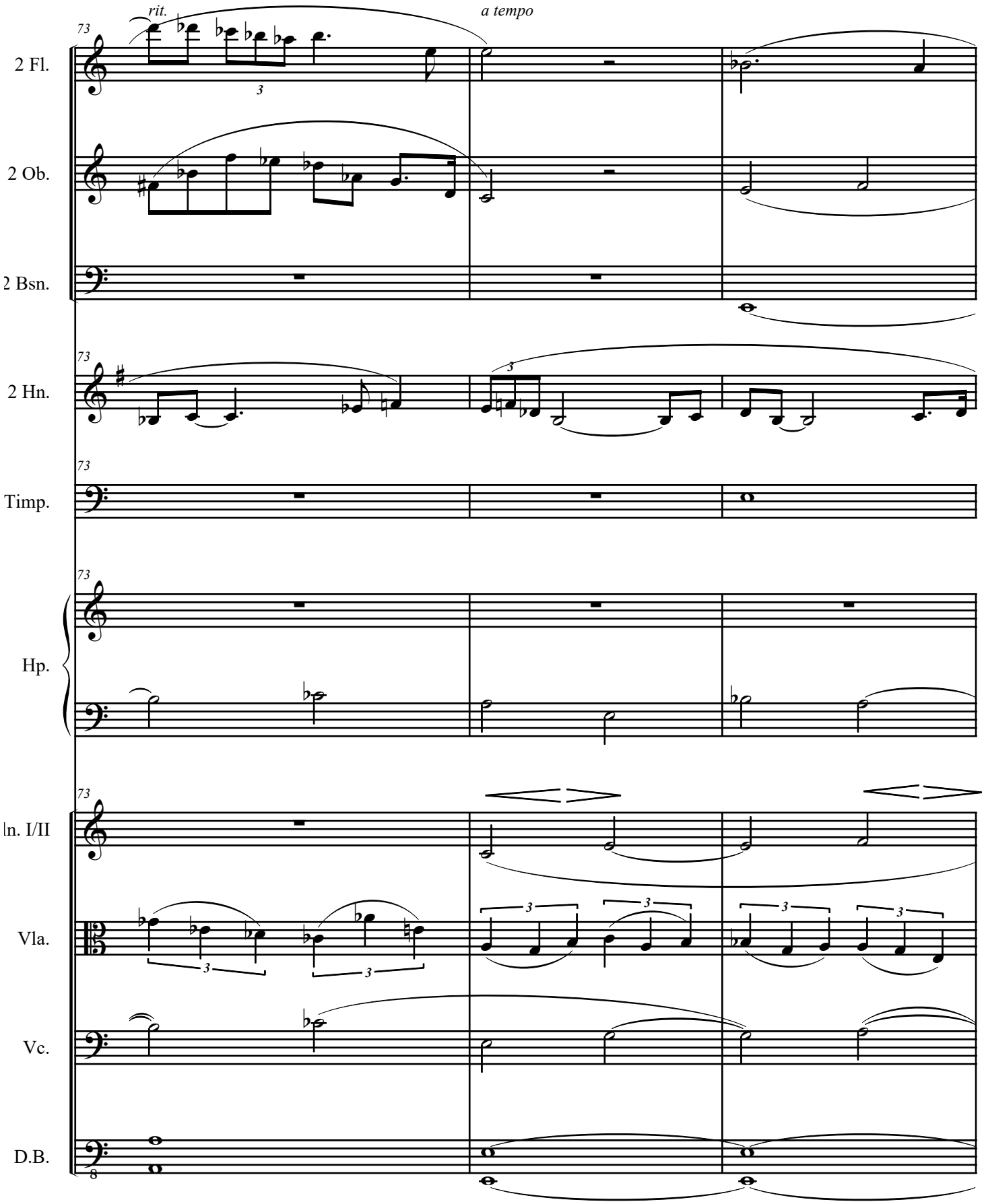

rit.
58
2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
Hp.
In. I/II
Vla.
Vc.
D.B.

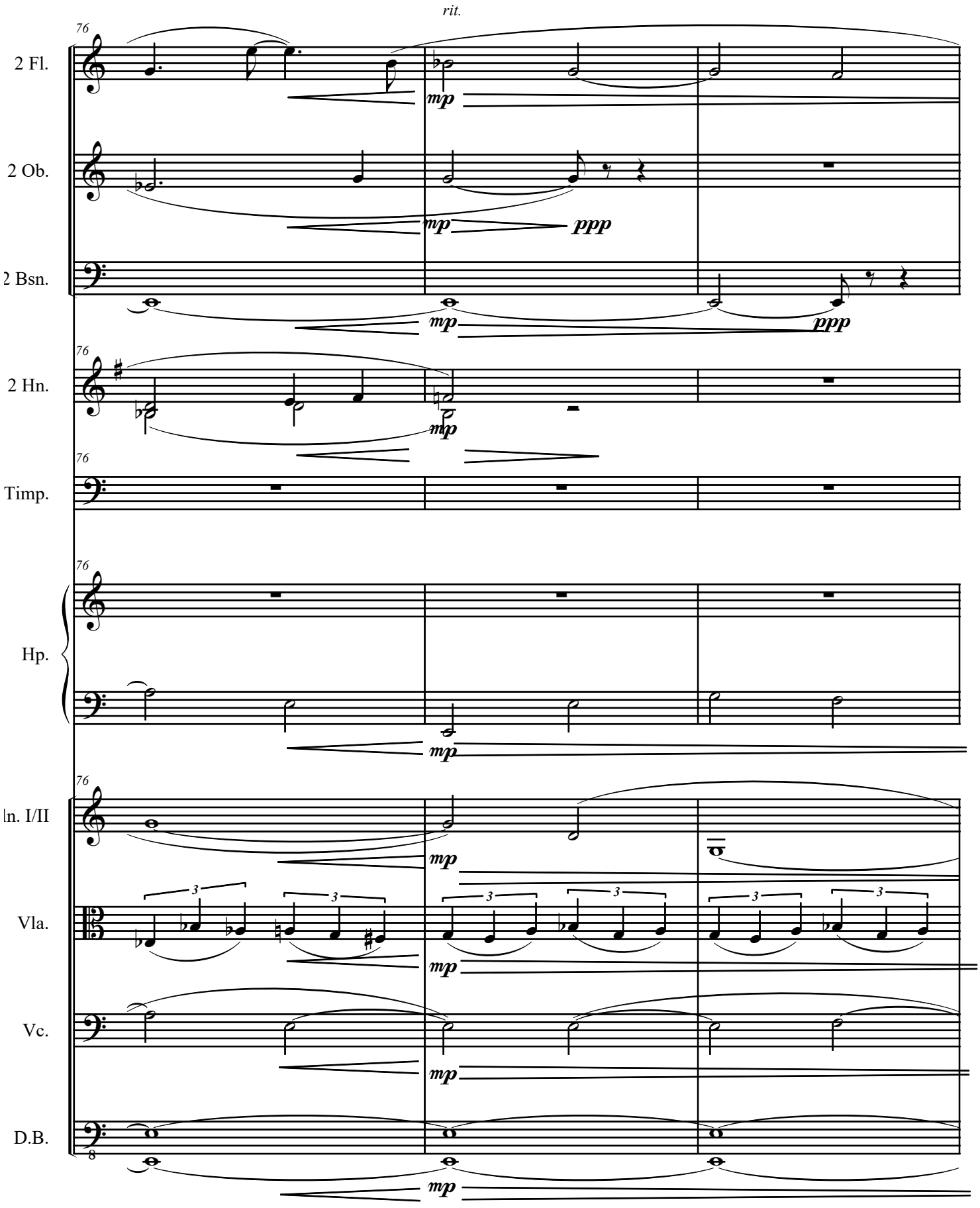

Moderato (♩= c. 40)
61
2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
Hp.
Hn. I/II
Vla.
Vc.
D.B.
p

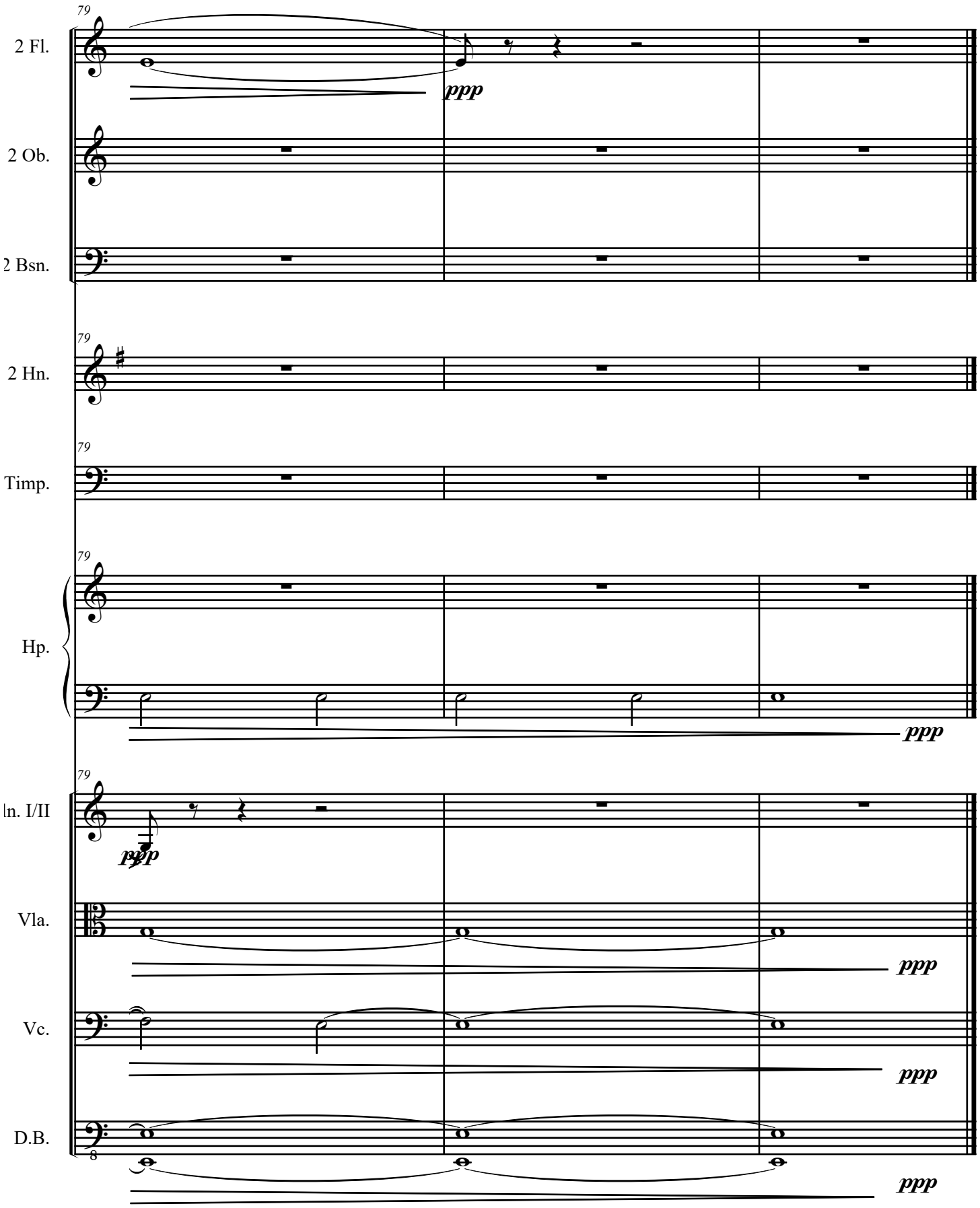

64
2 Fl.
2 Ob.
2 Bsn.
mp
64
2 Hn.
64
Timp.
64
Hp.
64
ln. I/II
Vla.
Vc.
D.B.
mp
mp
mp
mp


67
rit.
2 Fl.
2 Ob.
(1)
2 Bsn.
(1)
sfz
67
2 Hn.
67
Timp.
67
Hp.
67
In. I/II
Vla.
Vc.
D.B.
8


Adagio ♩ = 30
2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
Hp.
Vln. I/II
Vla.
Vc.
D.B.
p
(1)
3


rit.
a tempo
73
2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
Hp.
Vln. I/II
Vla.
Vc.
D.B.


rit.
76
2 Fl.
2 Ob.
2 Bsn.
2 Hn.
Timp.
Hp.
Vln. I/II
Vla.
Vc.
D.B.
mp
ppp


79
2 Fl.
ppp
2 Ob.
2 Bsn.
79
2 Hn.
79
Timp.
79
Hp.
ppp
79
ln. I/II
ppp
Vla.
ppp
Vc.
ppp
D.B.
8
ppp

POETRY

by

Lao-Tzu 500bce

Thomas Hadley

Late T. G. "Tong" Hadley

Wisdom of ancient Master

Tao Te Ching

Lao-Tzu 500bce

The Master doesn't try to be powerful;
thus he is truly powerful.
The ordinary man keeps reaching for power;
thus he never has enough.

The Master does nothing,
yet he leaves nothing undone.
The ordinary man is always doing things,
yet many more are left to be done.

The kind man does something,
yet something remains undone.
The just man does something,
and leaves many things to be done.
The moral man does something,
and when no one responds
he rolls up his sleeves and uses force.

When the Tao is lost, there is goodness.
When goodness is lost, there is morality.
When morality is lost, there is ritual.
Ritual is the husk of true faith,
the beginning of chaos.

Therefore the Master concerns himself
with the depths and not the surface,
with the fruit and not the flower.
He has no will of his own.
He dwells in reality,
and lets all illusions go.

"Chicharra"

Thomas Hally

Spring leaps suddenly,
Boldly from frigid winter within
Transposing side by side seasons
One of frightening cold into warm
Golden-striped days
She feels but does not see the sensual
Humidity and the ego of the sky's
Selfish willful ways
Chicharra, a gorgeous green
Grasshopper finally emerges
Up from her mountain underground
Eyes completely hidden from the bright
Light of day
Eye-by-eye opens slowly and surprised
Chicharra looks up and down all around
Face-to-face they catch other's big bug eyes
A handsome sort who just happened to be
A Bee flying by.

Milano

Thomas Hally
giovedì 21 aprile 2020

Milano è una città d'Italia sulla costa mediterranea
E, è uno dei luoghi di vacanza che mi piace di più
Se tu sia mai stato lì si capirebbe
Ma Milano non era nel mio piano originale

Il duomo di Milano ha impiegato quasi sei mesi per completare
Questa cattedrale è così bella che nessun altro può competere
Ero a Milano, nel 1965 sono stato avvicinato da un uomo più anziano
Volevo aiutarmi a trovare la mia strada intorno come meglio posso

In mezzo alle cose, ho deciso di tornare a Genova e vedere
Non ho noetico l'uomo più anziano a prima vista perché avrei sicurament fuggire.
A tutti ho perso la mia prima sosta e che il mio itinerario non ha book
ma lì, in Genova, ancora una volta l'uomo più anziano seguito me intorno molto
.

So che il luogo di nascita dell'uomo più anziano era la Città Eterna di Roma
Né Milano né Genova erano le città che attualmente chiama la sua casa
L'uomo più anziano vive la maggior parte del tempo a Napoli e Palermo
Il suo migliore amico è un altro uomo più anziano di nome Guillermo.

Moonbow

Thomas Hally

Stopping he opens the door puts his feet on the slick
Black face looks to the East to the West to North followed
By South noting what's Left– but what was that loud
Noise he thinks he heard?
He stares up above intensely looking at the Moon
Mesmerized not expecting to see such a strange
And beautiful perfectly round disc splattered with slices
Of neon, a paint-can shaker gone crazy with no dark shades
Embracing Friday's Eve, a peppered starry canvas Orb
Wayne's with Violet the fully waxed blue moon in a startlingly
Different state of flux no longer just waxing Wayne reappears,
Crescent not in vain, a beautiful Moonbow suddenly appears
No trace of rain seen it beams and stands and sits 360
Degrees a colorful banded ball hiding afloat yet visible way
Above Nature's brown and green those leaves lovingly waving
Happy to be in the sultry breeze of the good-long night
Witch sorcerer must it have been who was responsible
For that frightening din is it the same two who have now
Dispersed perversion conjuring up spells sending good
People like us to Hell in an Easter Basket for good measure?
The sight of that Moonbow drove Rambo's Rainbow Moon
Away and him crazy all in one day now he wonders now he
Worries a-bout the Lunar Dimples depth and the pull of gravity
Calling for elevators, orange blue green and bright white animators
Cummerbunds are tied tight together tonight around the round
Mapped Moon with his strip of neon everywhere One tosses
Around the stellar spectacle able to see with the bright colorful
Night almost slips right in-to the Lunar Terrain

Luna

Silvery cloudwisps scudded past Moon
Her face I studied, fascinated,
as she sung a soundless tune
of joy, of grief, of eternal love
resonating in all below, above,
in Heaven's eternal expanse,
in Terra's molten heart
and salty, pulsing blood...
Then, her face was Man,
then morphing to manchild, maiden,
back to silent Siren again,
all the while I strained to
hear the Song...
I wanted to wait the night long
to catch a note, a phrase,
yet each mote, each photon,
the moonlight itself began
softly, deeply within...
I knew then I could sing along
but not in tune with my earthly ears;
I realized I'd sung the song
throughout all my years here
in this incarnation,
when I was a librarian of Atlantis,
in my walrus-skin kayak as the ice receded,
when I sailed the seas as Neah the Buccaneer,
upon my saddle as a wrangler headed to Topeka,
as a doctor, lawyer, peasant, Druid priest,
as an engineer in Rome's legions,
even as I manned the starboard .50
over Normandy in our B-29...

Time, tide, sun, moon;
Each one, all of us,
even choirs of Angels, too...
We keen, we harmonize, we croon
an eternal lullaby, a victorious anthem,
in symphony with cricket, owl,
with anenome and whale,
with pine and saguaro,
in deepest grotto and upon the alpine
rocky spine...
sometimes we still our voices,
awaiting our caesura to insert a note,
we all are biding our Time.

SG of A

J M Cervenka

photograph

J M Cervenka

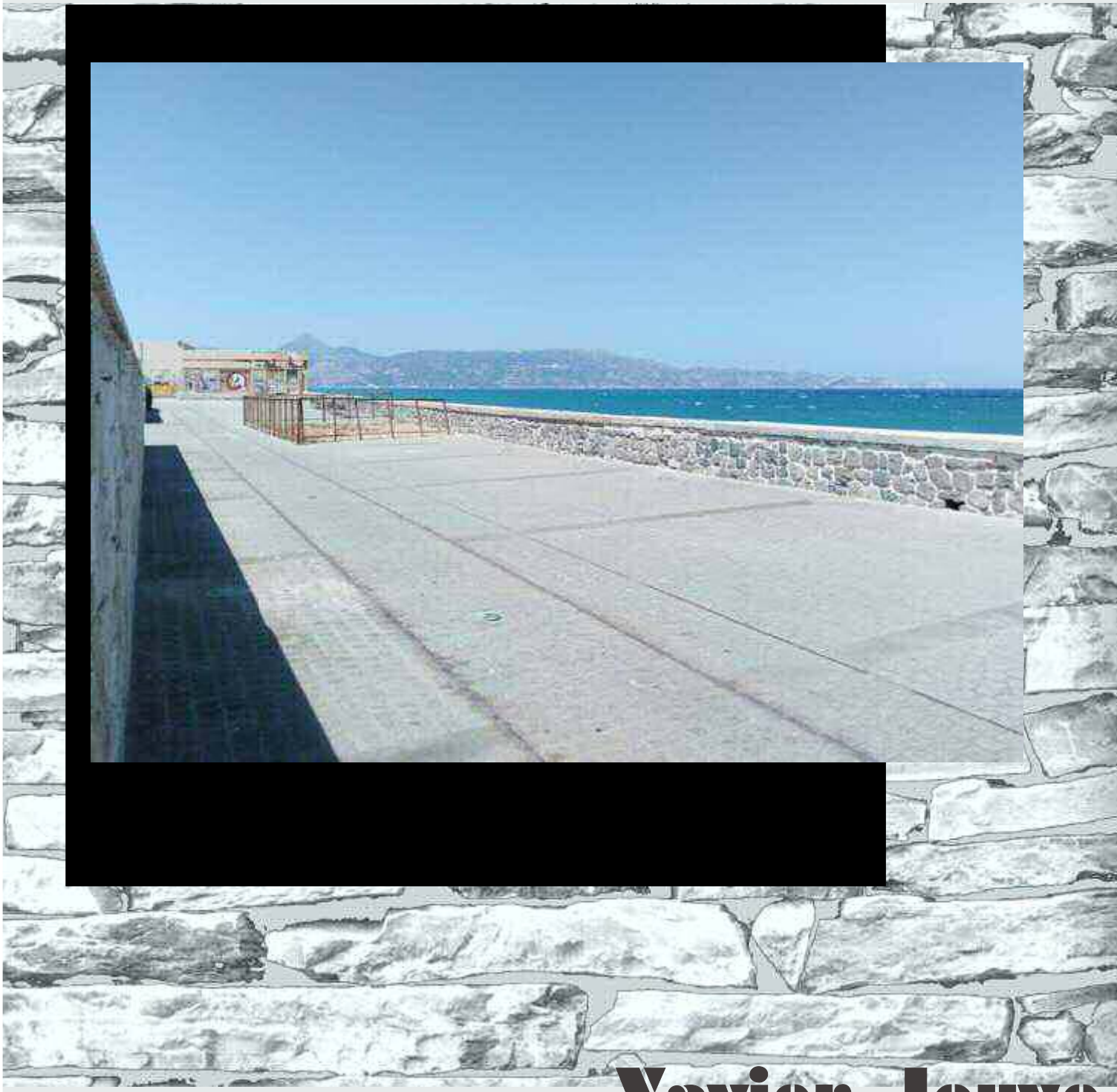
photograph

David Udbjorg

photograph

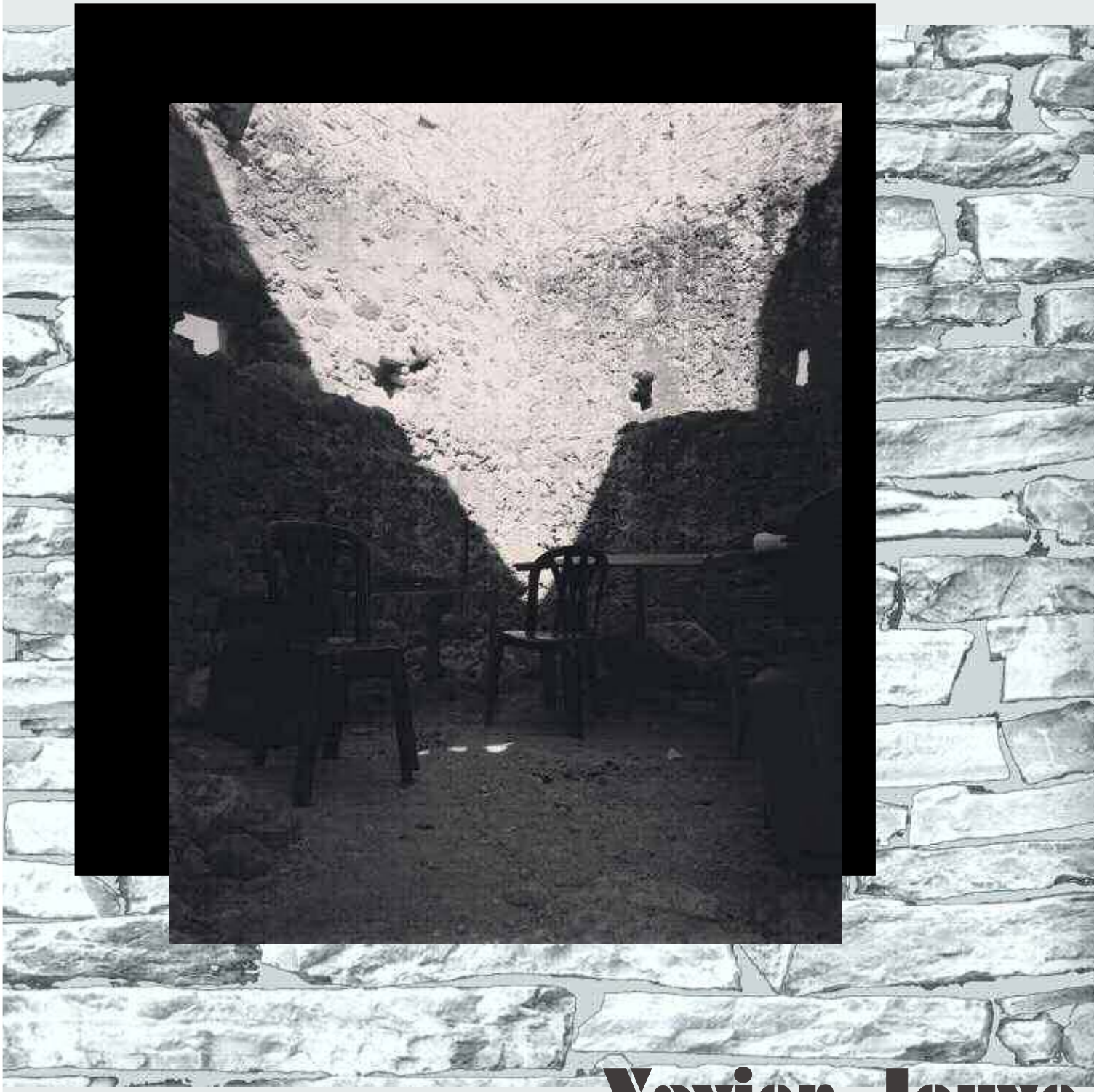
David Udbjorg

photograph



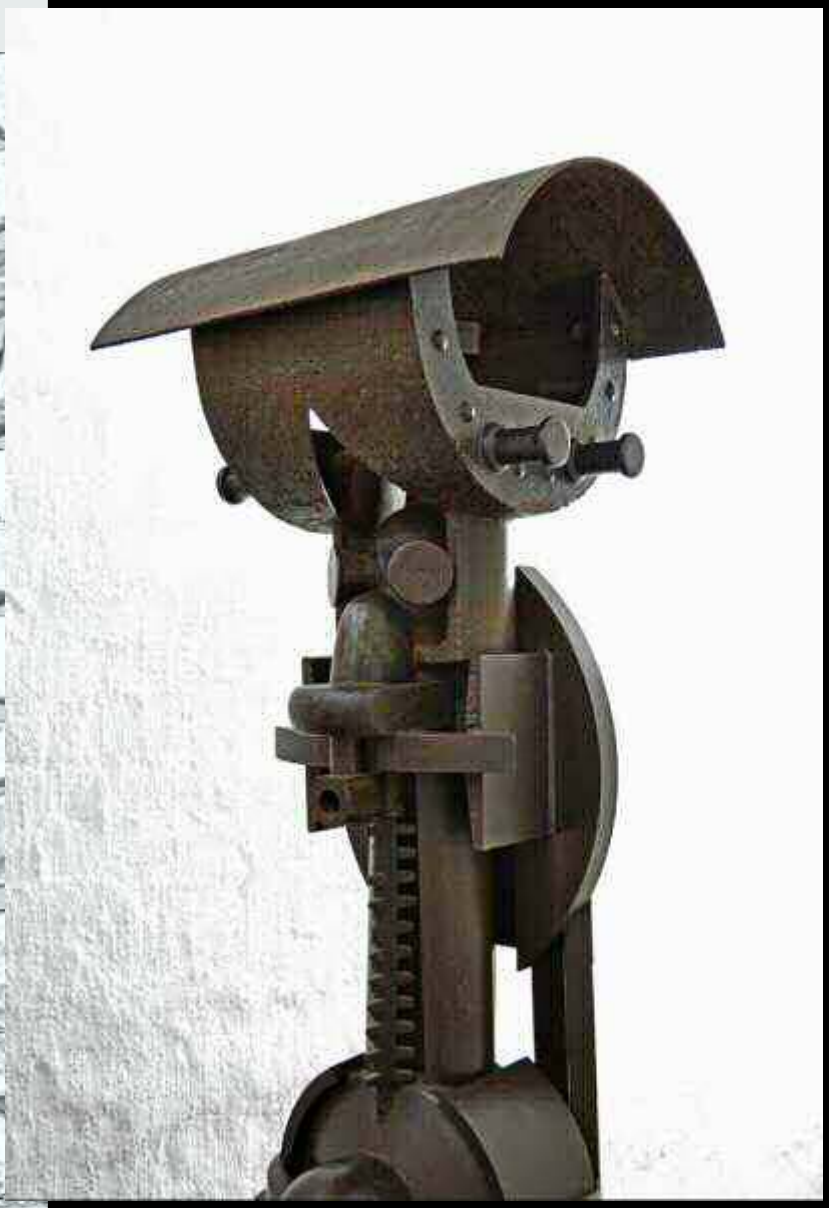
Xavier Jouve

photograph



Xavier Jouve

photograph



Mark van Vuuren

photograph

Mark van Vuuren

photograph

Marilyn Grimble

watercolour

Marilyn Grimble

photograph

Art from the past

Portugese art of 1600

Jase Munn

photograph

Jase Munn

photograph

David Kelly

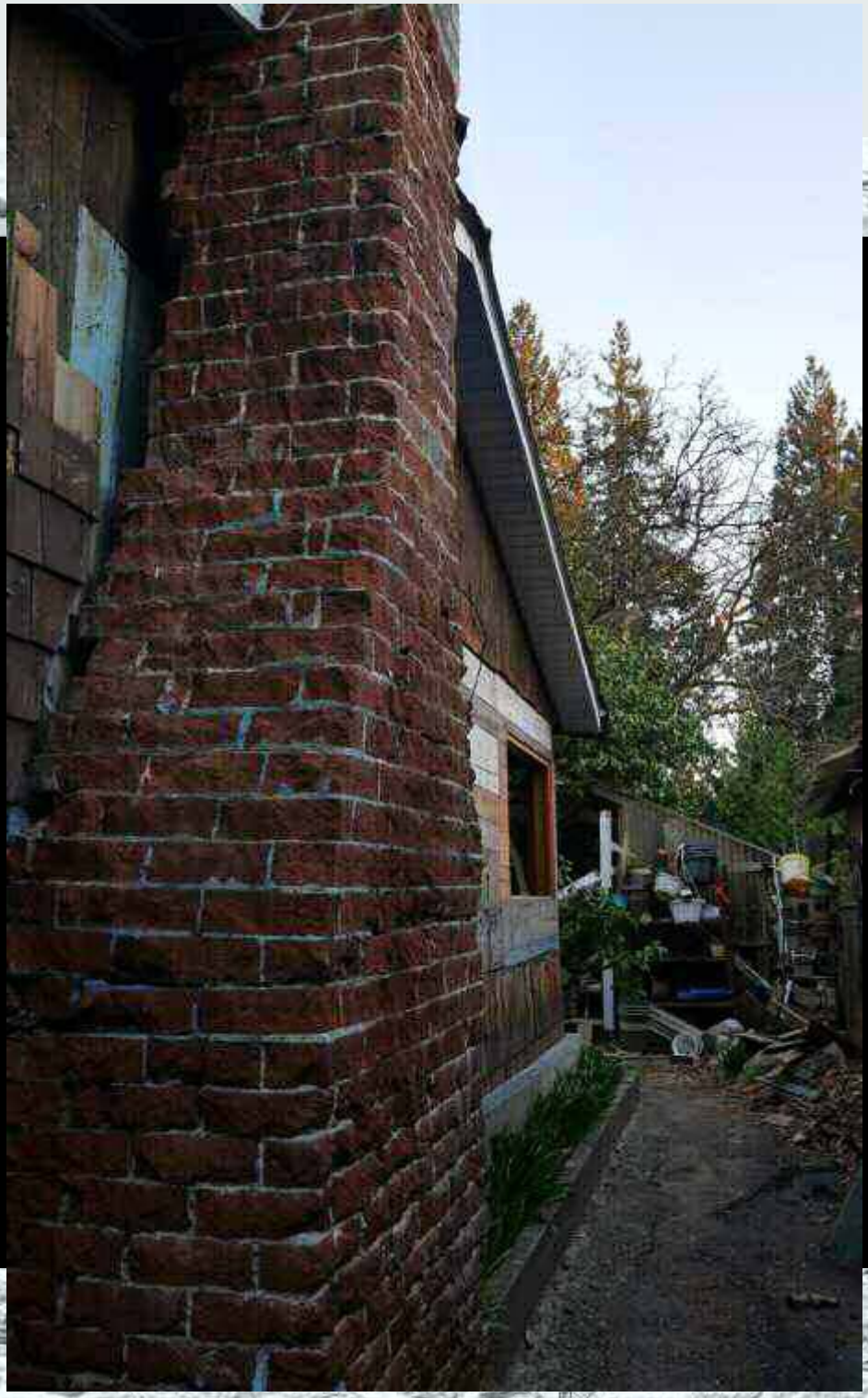
microphotograph

David Kelly

microphotograph

Stan Riha

collage



Stan Riha

photograph

Puzzles, Riddles & Brainteasers

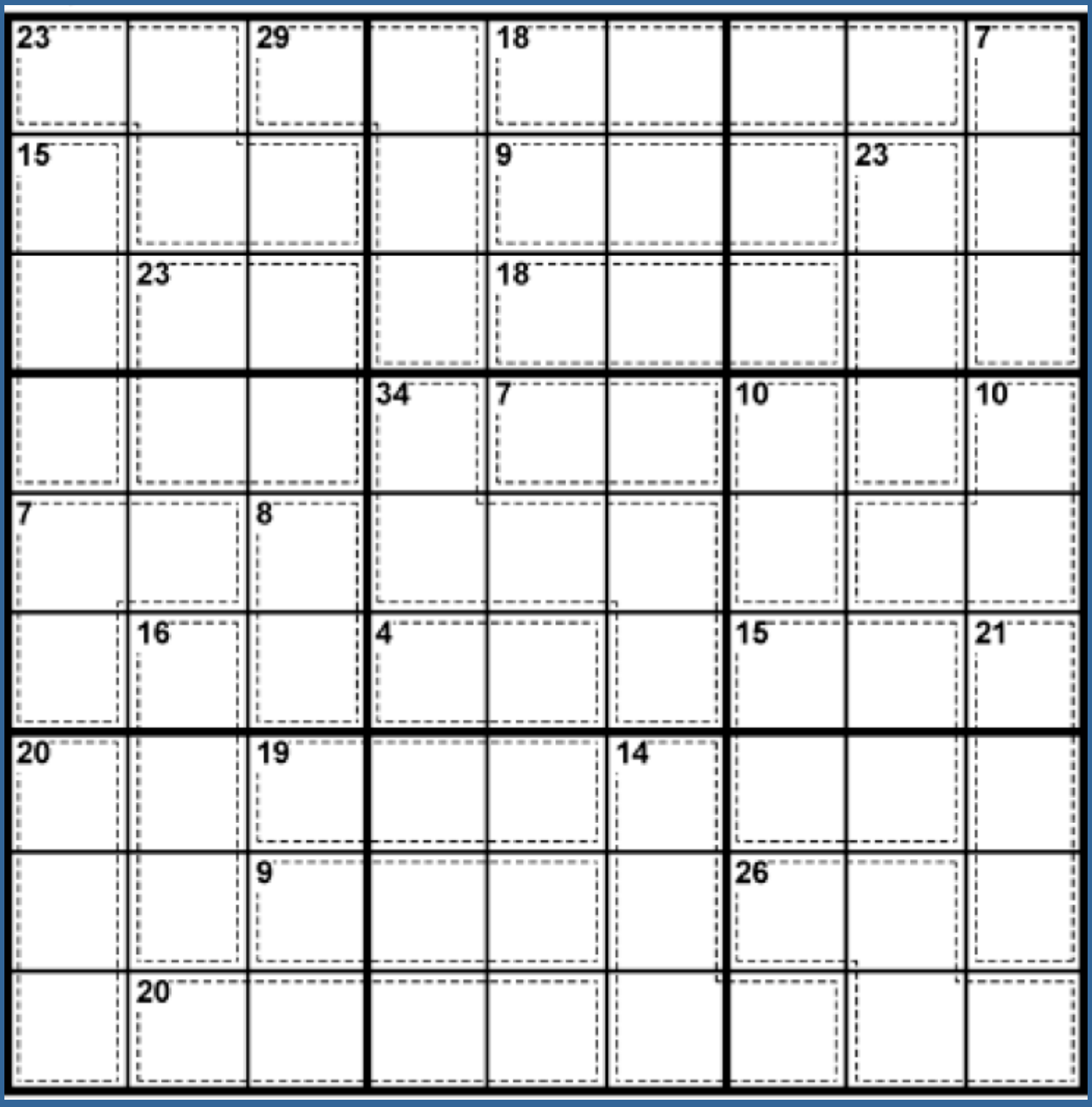
Next three months calendar

Solution of killersudoku from IQ Nexus Journal Issue 12 Vol. 1

22 5	7	5 2	3	25 6	4	13 1	9	14 8
18 6	9	7 4	6 1	5	8	7	3	2
8	1	3	11 9	2	12 7	5	37 6	4
1	3	14 8	6	9 4	5	20 2	7	9
24 2	6	9	7	3	1	8	4	5
25 4	5	9 7	2	17 8	9	6	1	3
7	17 8	11 5	5 4	1	12 3	9	2	14 6
9	4	6	12 5	7	20 2	3	17 8	1
3	2	9 1	8	9	6	4	5	7

Rules

As in regular sudoku, every cell in each row, column, and nonet must contain a unique digit. In other words, each row, column, and nonet must contain all the digits from one to nine.
The values of the cells a cage must sum up to the total for that cage.
The values of the cells in a cage must be unique.

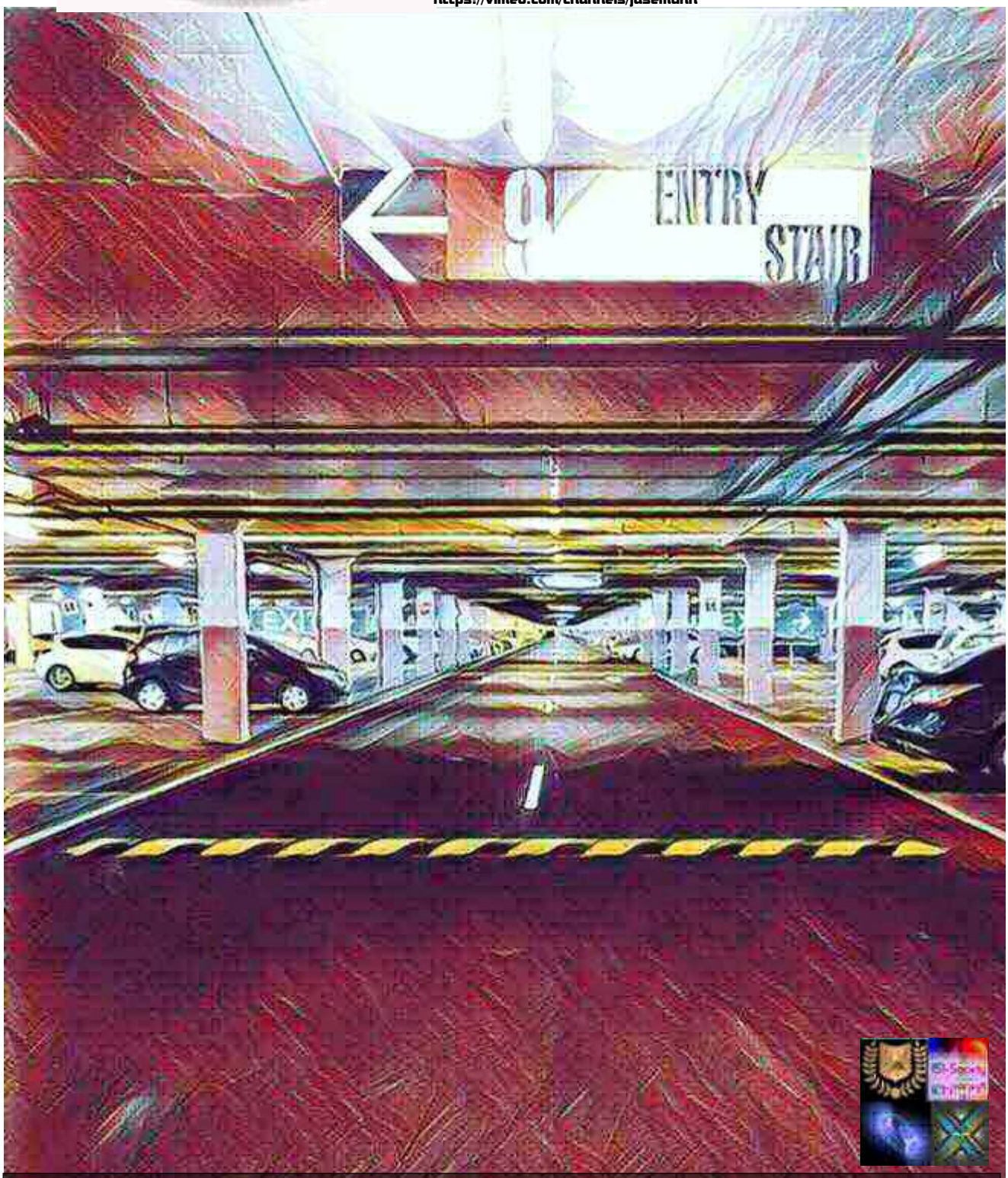


Solution to this puzzle will be published in the next issue of the IQ Nexus Journal

IQ Nexus Journal Calendar 2020

jason munn

film maker, photographer, composer,
and visual/digital artist,
https://soundcloud.com/jase-munn/
https://vimeo.com/channels/jasemunn



Online Calendar of IIS, ePiq & ISI-S Societies, members of WIN

jason munn

IQNJ

2020

July

June						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

August						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 Canada Day	2	3	4 ○
5	6	7	8	9	10	11
12 ◑	13	14	15	16	17	18
19	20 ●	21	22	23	24	25
26	27 ◐	28	29	30	31	

https://soundcloud.com/jase-munn/drifting-debris

jason munn

IQNJ

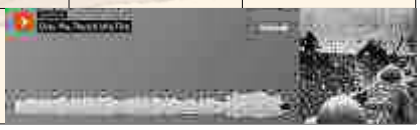
July						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August 2020

September						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

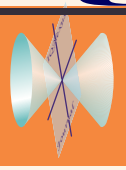
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3 ○ Civic Holiday	4	5	6	7	8
9	10	11 ◑	12	13	14	15
16	17	18 ●	19	20	21	22
23	24	25 ◐	26	27	28	29
30	31					

https://soundcloud.com/jase-munn/over-the-trench-into-fire



jason munn

IQNJ



September 2020

August

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

October

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 ○	2	3	4	5
6	7 Labour Day	8	9	10 ◑	11	12
13	14	15	16	17 ●	18	19
20	21	22	23 ◐	24	25	26
27	28	29	30			

https://soundcloud.com/jase-munn/norman

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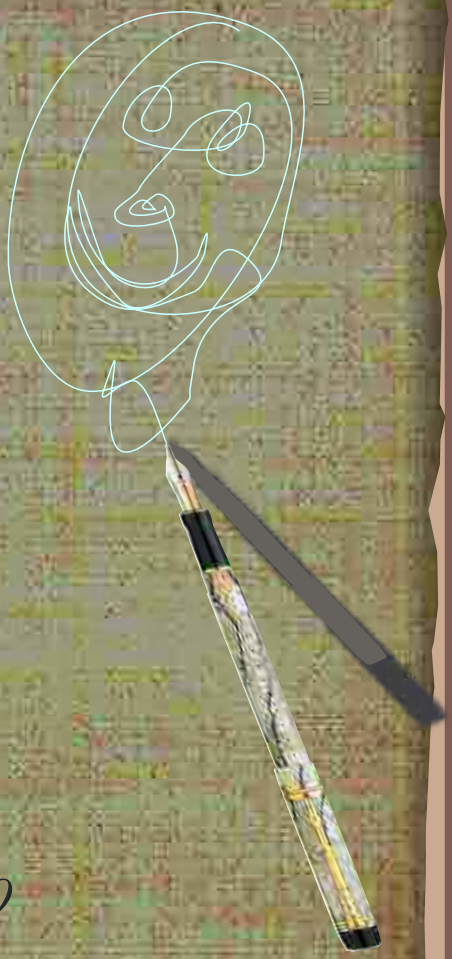

Forum of ePiq, IIS & IISI-S societies
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