J. S. Bach

Goldberg Variations

BWV 988

For Guitar Ensemble

Transcribed and Engraved

by

Steve Shorter

Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter et al. — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

For

Eli Kassner
and
Glenn Gould

from

The Guitar Society of Toronto Orchestra

Table of Contents

Introduction 4
Aria 5
Variation 01 11
Variation 02 13
Variation 03 Canon at the Unison 15
Variation 04 17
Variation 05 19
Variation 06 Canon at the Second 21
Variation 07 At the tempo of a Giga 23
Variation 08 25
Variation 09 Canon at the Third 27
Variation 10 Fughetta 29
Variation 11 31
Variation 12 Canon at the Fourth 33
Variation 13 37
Variation 14 41
Variation 15 Canon at the Fifth 45
Variation 16 Overture 49
Variation 17 53
Variation 18 Canon at the Sixth 55
Variation 19 57
Variation 20 59
Variation 21 Canon at the Seventh 63
Variation 22 65
Variation 23 67
Variation 24 Canon at the Octave 71
Variation 25 75
Variation 26 79
Variation 27 Canon at the Ninth 83
Variation 28 85
Variation 29 89
Variation 30 Quodlibet 93
Table of Ornaments 95
Acknowledgements 96
Copyright 97
Errata 98

Introduction

The motivation behind this transcription and re-engraving of these Goldberg Variations is a simple one; to make available to guitarists one of the great treasures of Baroque art. In that quest, a single value has come to dominate this work

1) to preserve and render as accurately as possible the structure(s) of Bach's work in the context of a modern guitar ensemble and a standard instrument.

The "standard" guitar being considered has 19 frets and is in dropped D tuning. ie. strings are tuned DADGBE. The original key is preserved throughout the transcription, as it is easily accommodated and serves the original intent most faithfully.

Starting from this foundation, whatever resources were assembled that the structures demanded. In general it could be stated that each voice that is present in the variation has its representative as a single instrument in the ensemble. The resulting work therefore contains 13 variations for 2 guitars, 13 variations for 3 guitars and 4 for 4 guitars.

While the clavier is dissimilar to the guitar in many ways, the Goldberg Variations are unsurprisingly quite sympathetic to it. Both the clavier and guitar are plucked chordophones, subject to similar acoustic profiles of volume and sustenance.

Most of the original structure(s) can be preserved through octave transposition when carefully considered. In the few instances where this is not possible, alternatives were developed and documented. Bach's instrumental works are of such a quality that they can often be considered as "generic music": they transcribe well for instruments other than the target of its original composition. That is mostly the case with the Goldberg Variations. To the extent that there may be variations that are idiomatic to the keyboard, they have been accommodated as much as possible and are included for completeness.

Guitar fingering is interperative and personal, particularly for music not initially conceived for guitar, so this work is presented with no guitar fingering. All slurs are phrasing slurs and appear as in the original.

The Aria has two versions presented. Version 1.7e is for two guitars in standard tuning, version 1.8 is for three guitars in dropped D tuning.

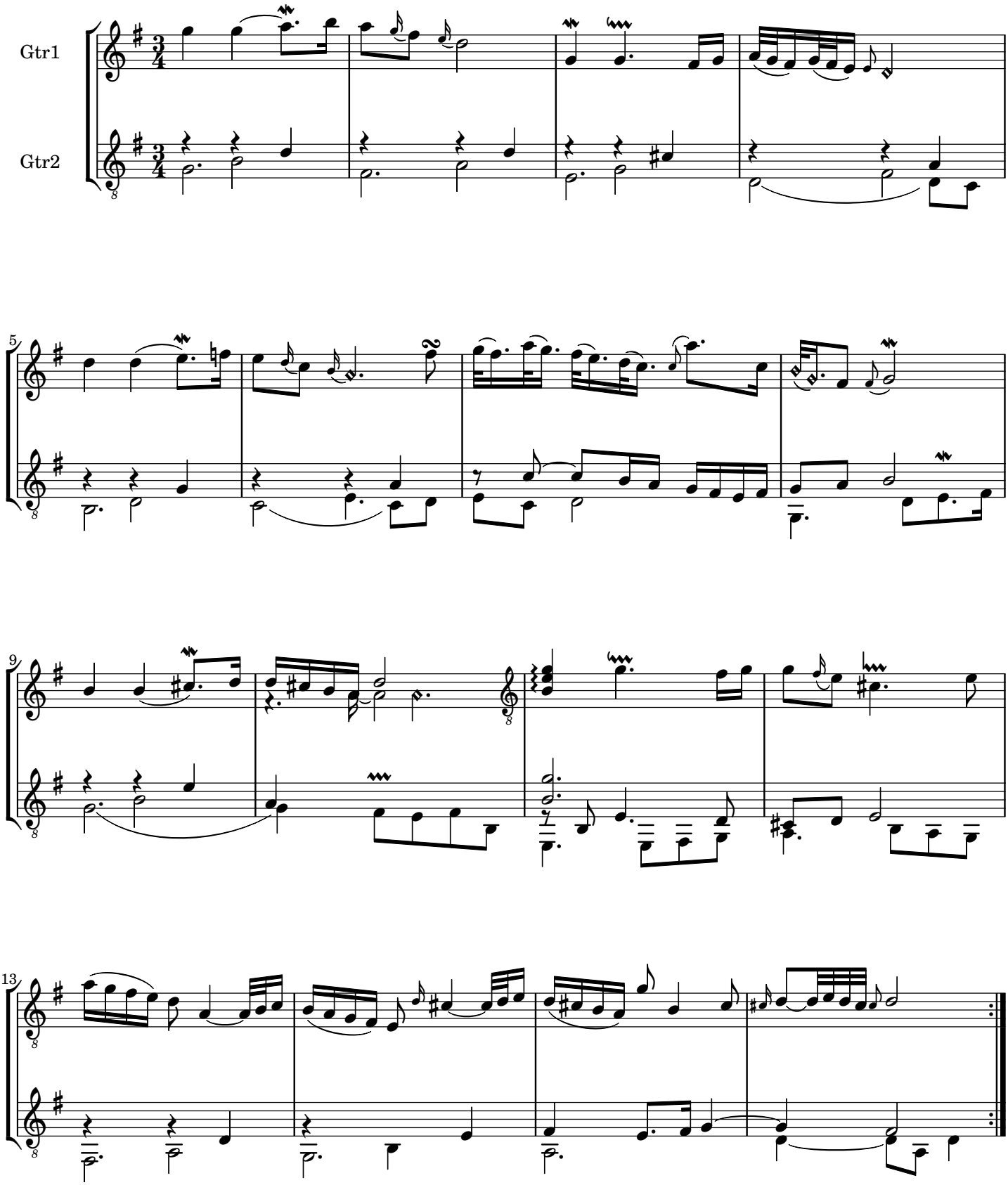
Finding a reliable authority for Goldberg Variations, BWV 988, is problematic as discussed by Erich Schwandt[1]. The source materials from which this transcription is derived are the Bach-Gesellschaft Ausgabe, Band 3, the facsimile of Bach's own copy ('Handexemplar') of the first edition, and the results of the OpenGoldberg project. These documents are in the Public Domain and can be consulted at the International Music Score Library Project:

http://imslp.org/wiki/Goldberg-Variationen,_BWV_988_(Bach,_Johann_Sebastian)

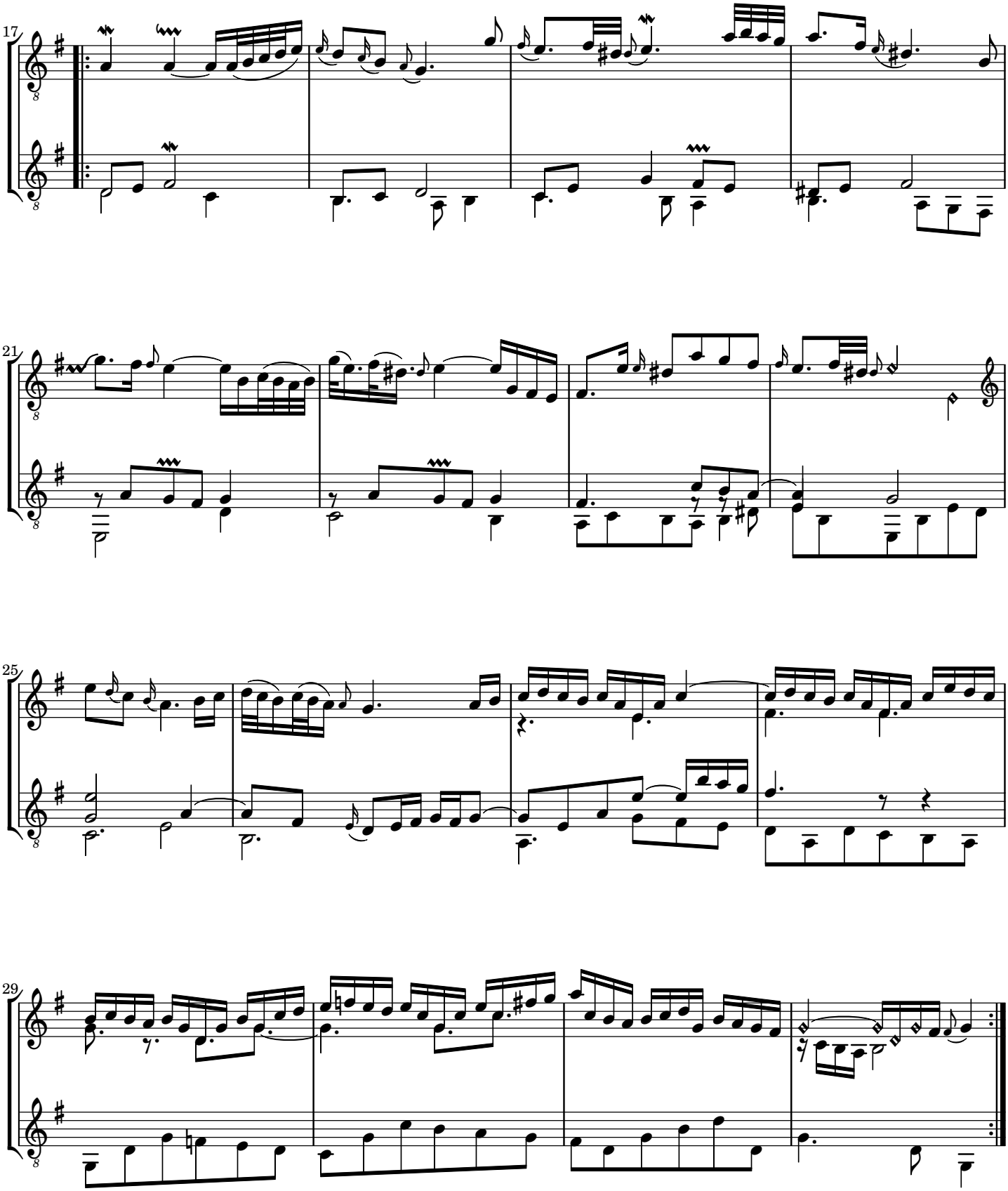
[1] http://scholarship.claremont.edu/ppr/vol3/iss1/2

Aria

1.7e

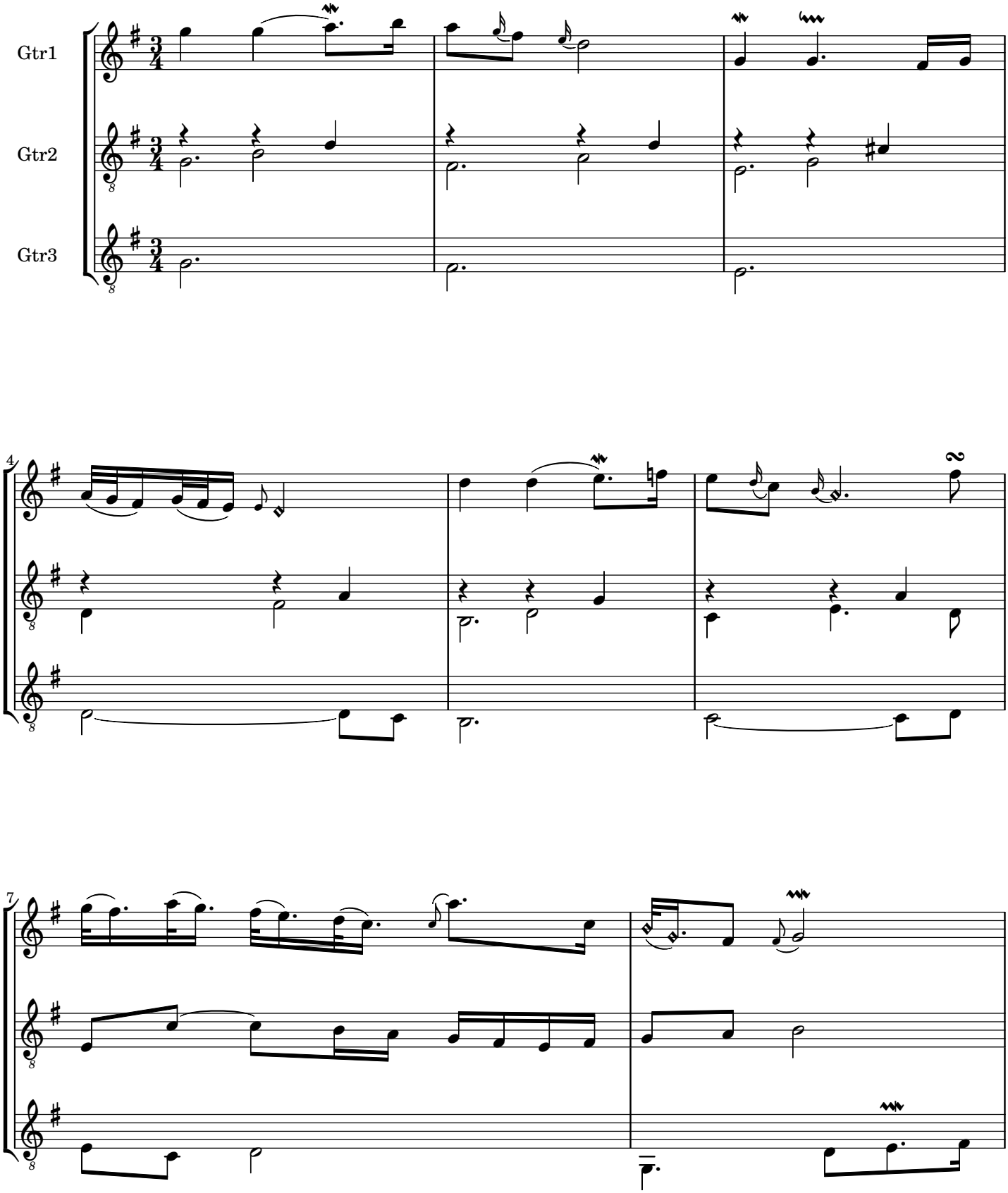


Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and J.D. Erickson — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

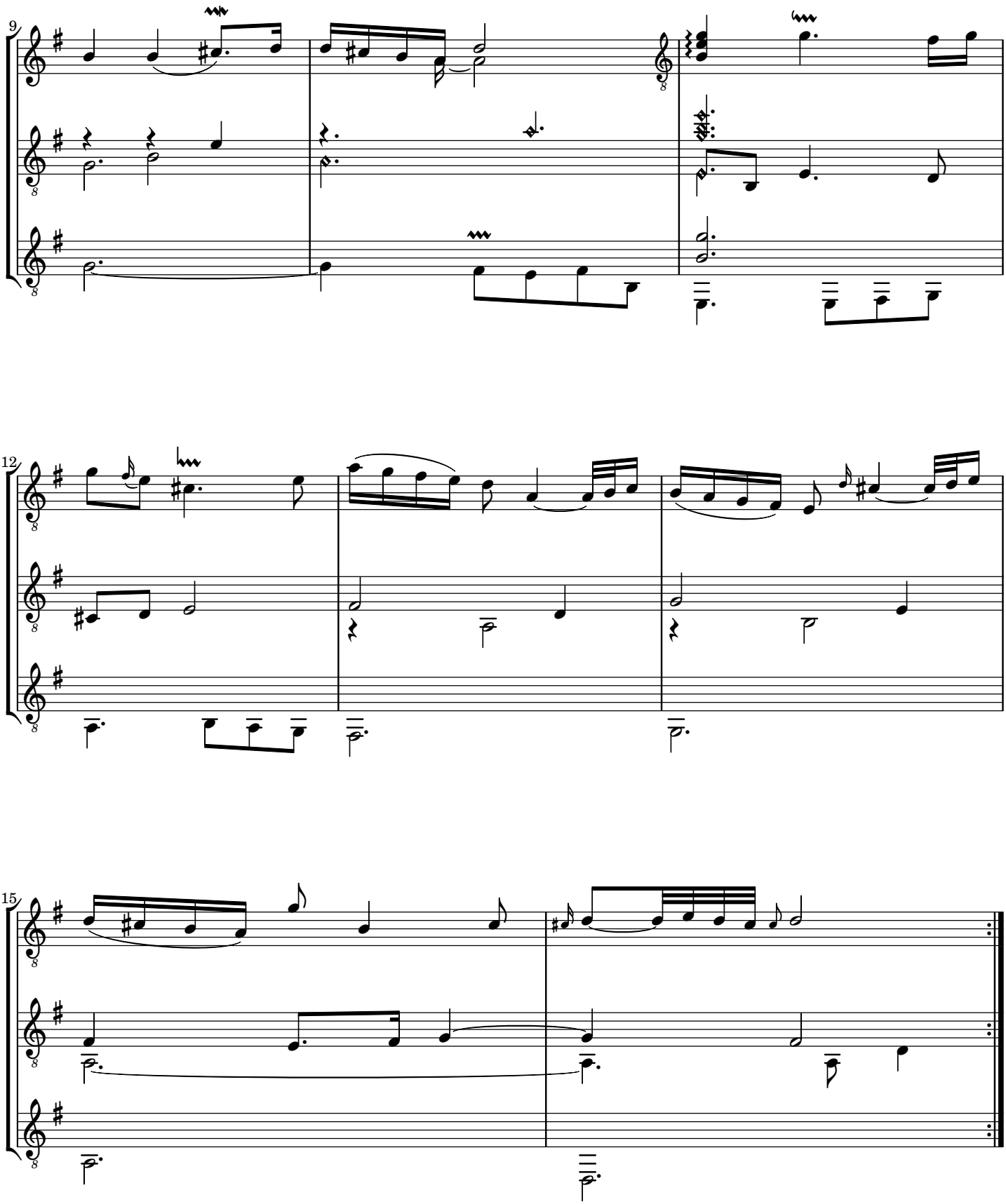

17
21
25
29

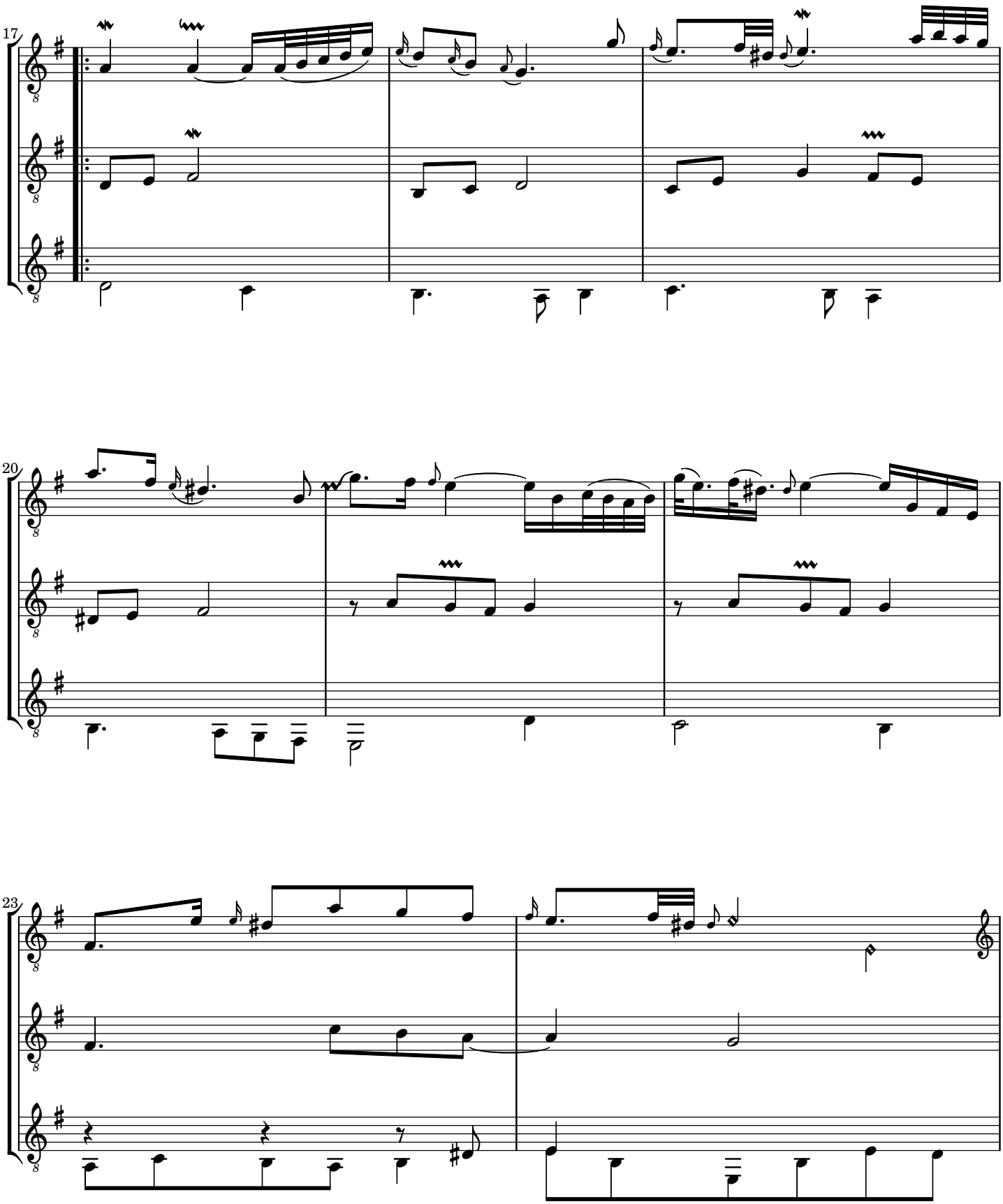
Aria

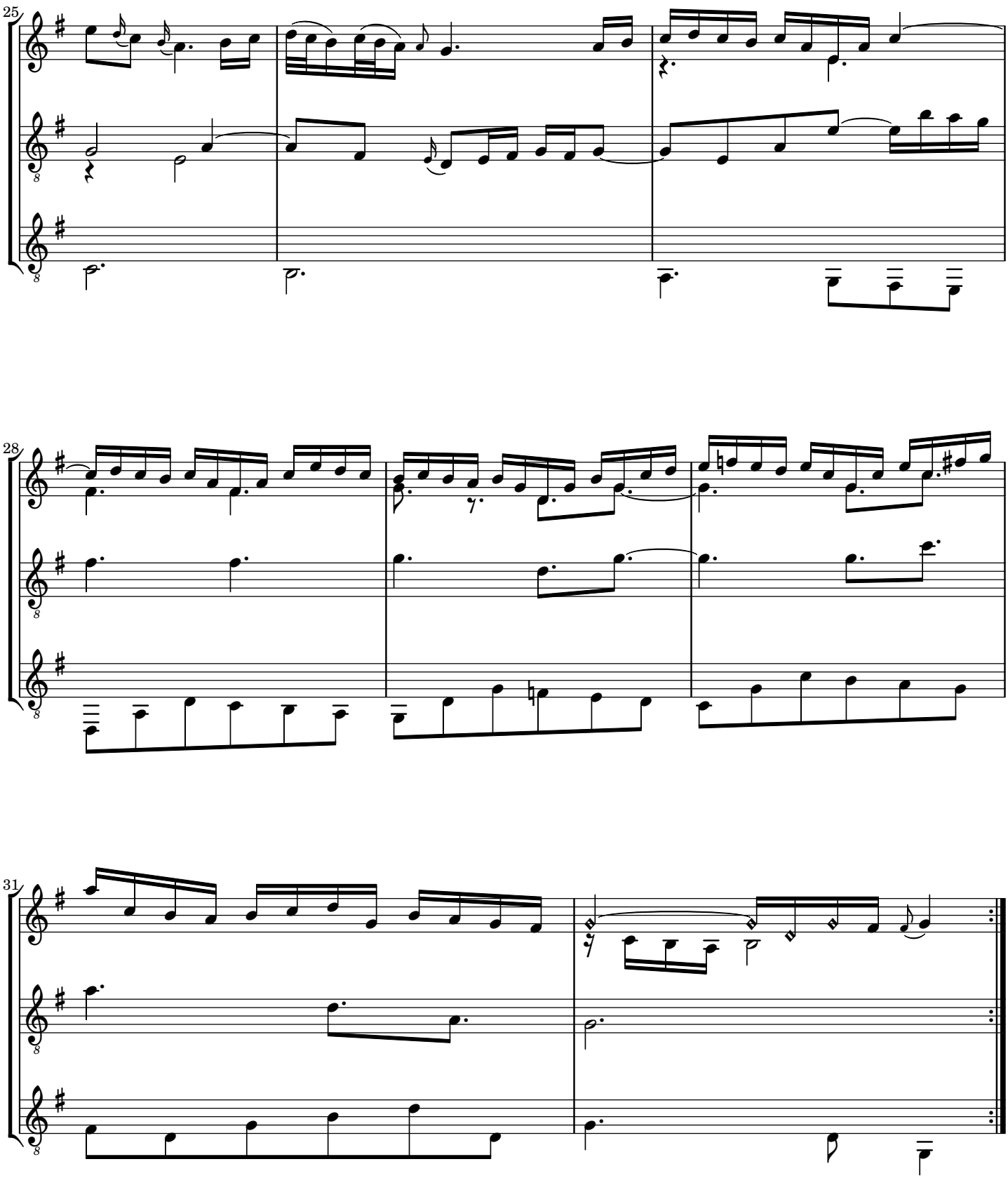
1.8



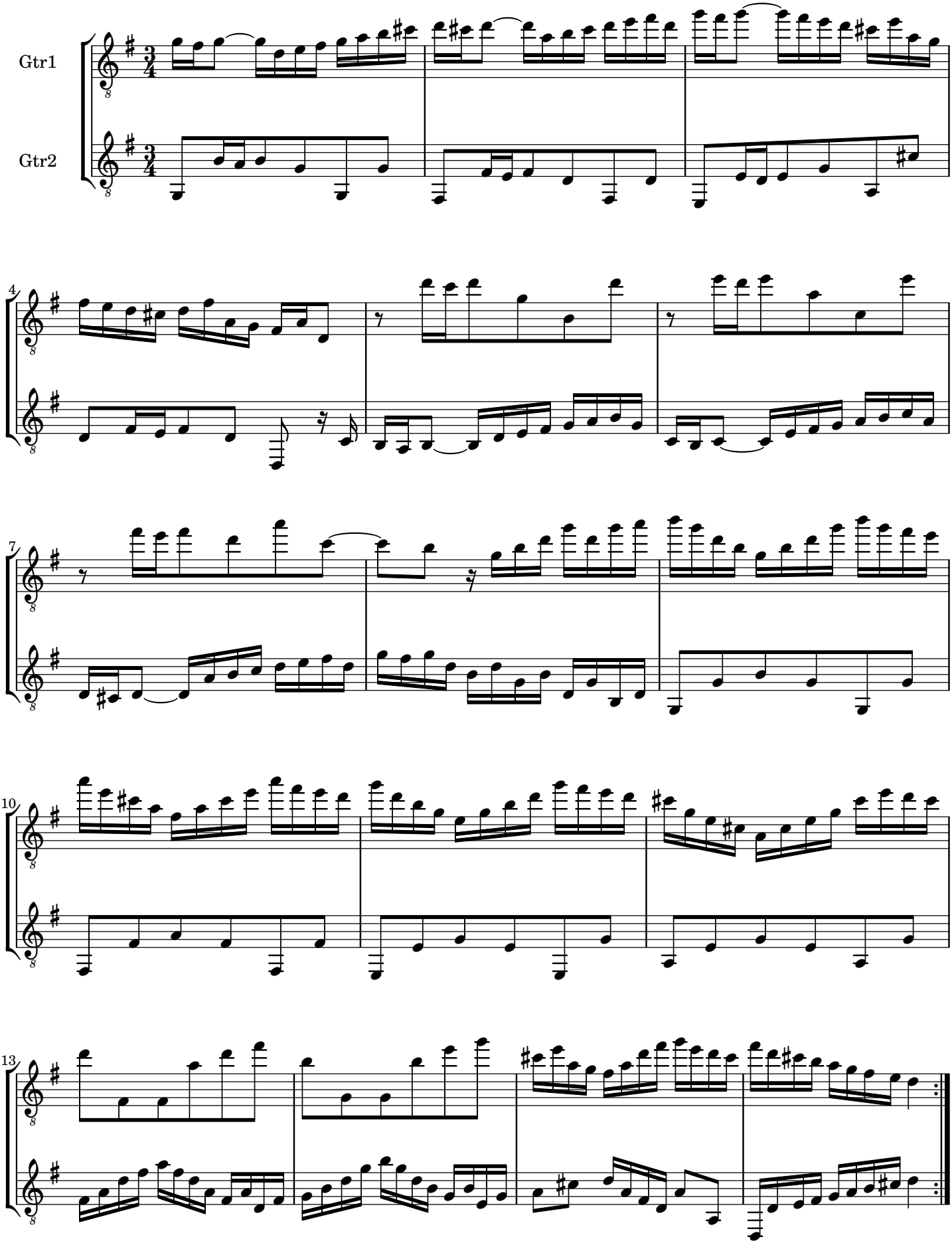
Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and J.D. Erickson — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform


9
12
15

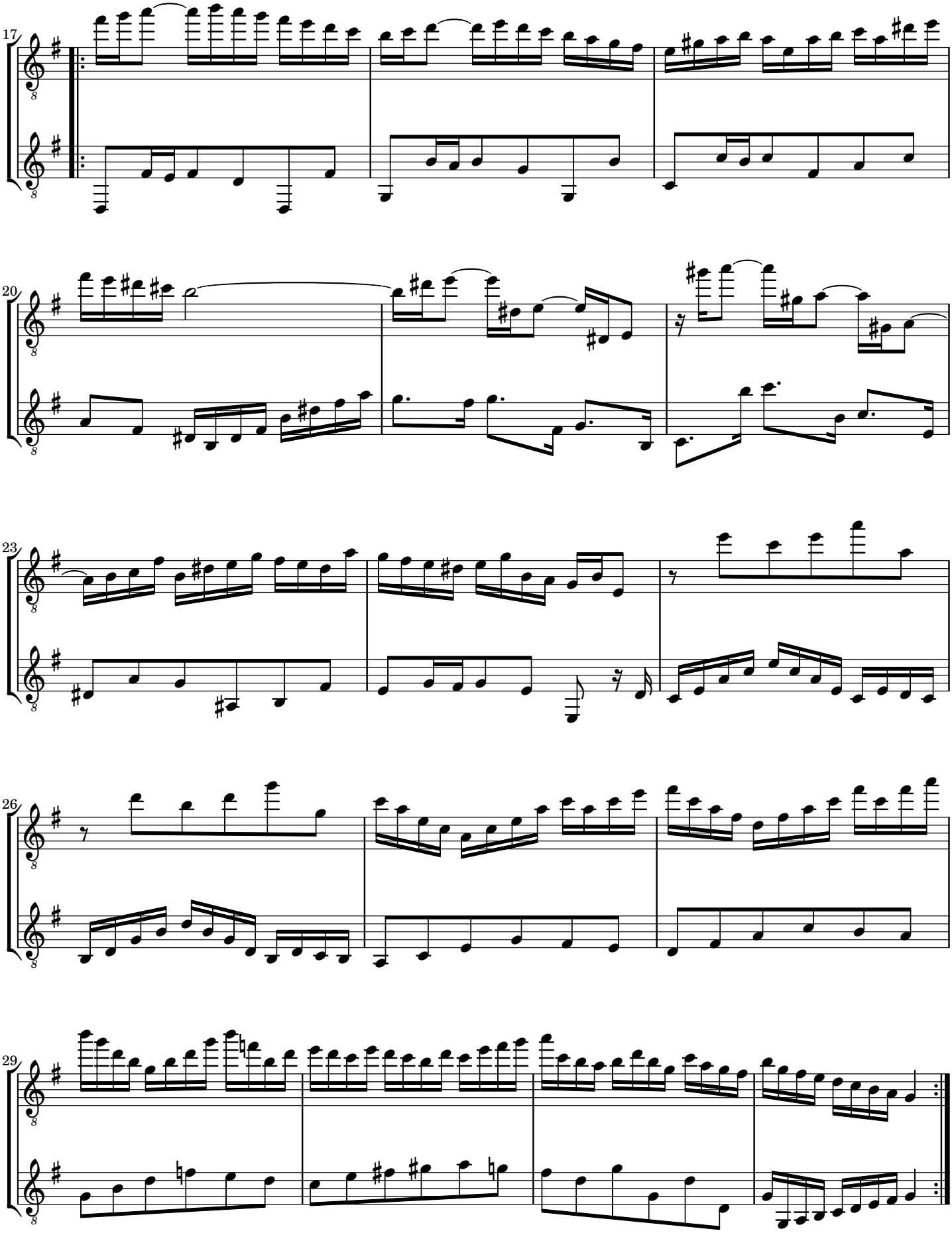

17
20
23


25
28
31

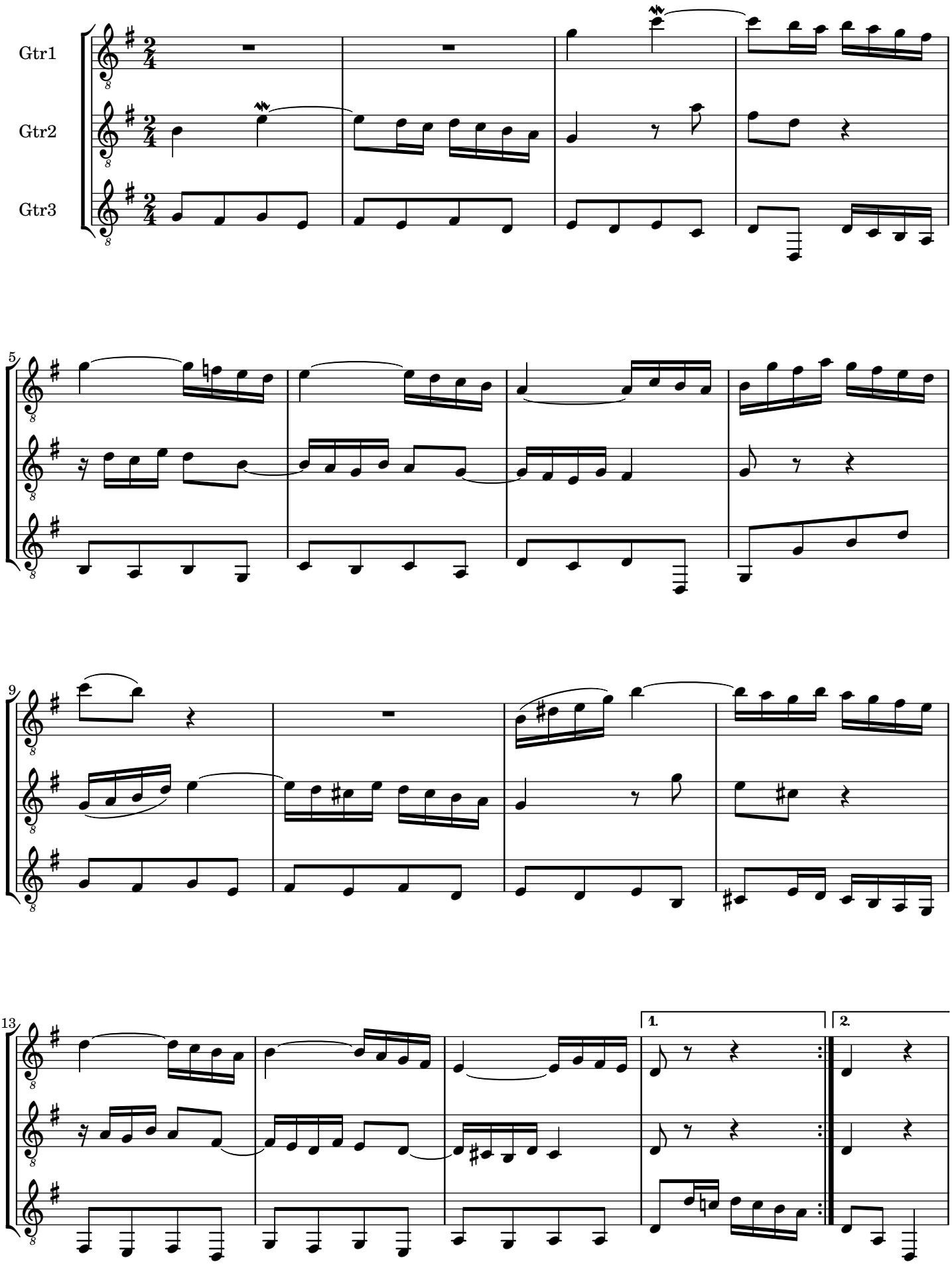
Variation 01



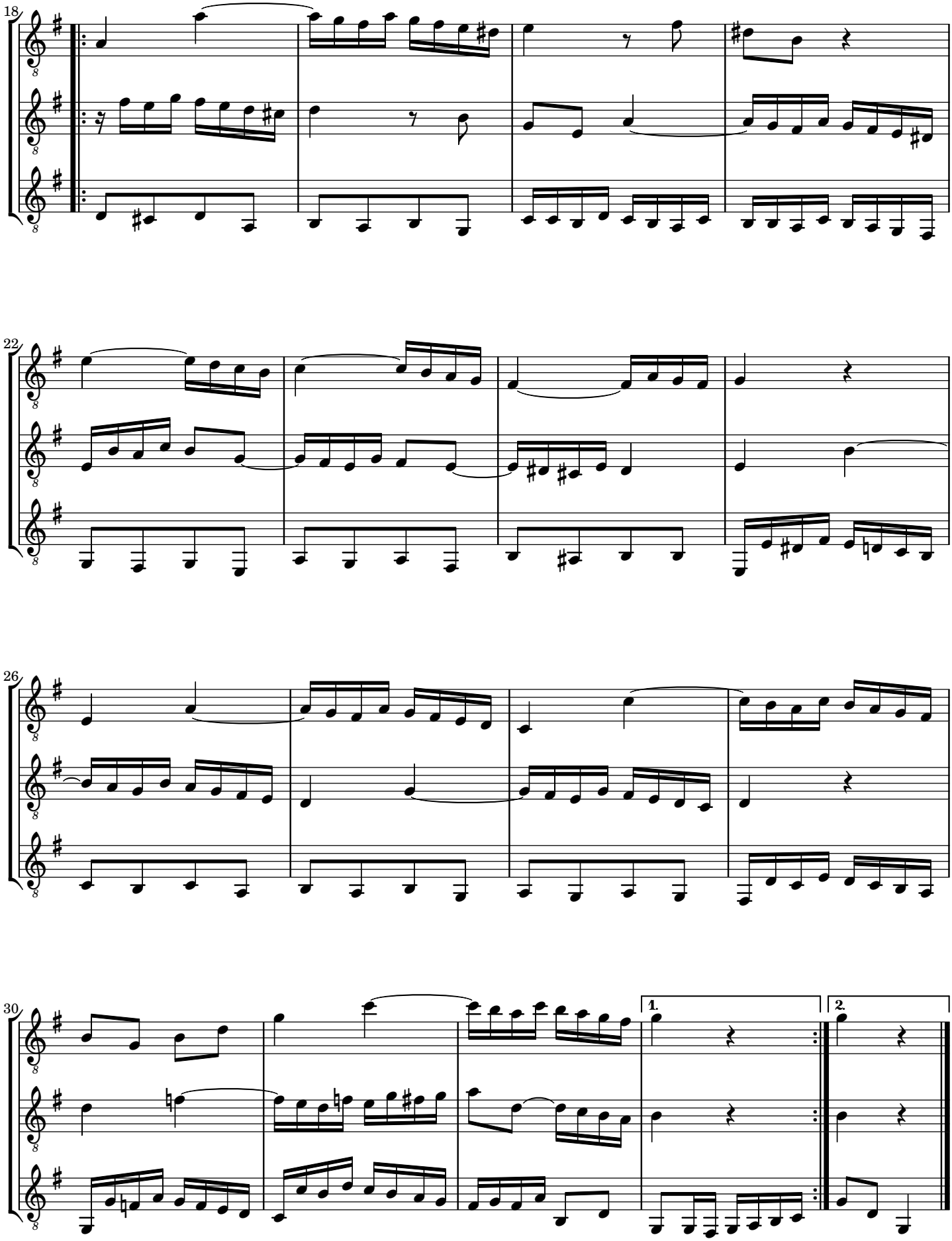
Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and J.D. Erickson — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform


17
20
23
26
29

Variation 02

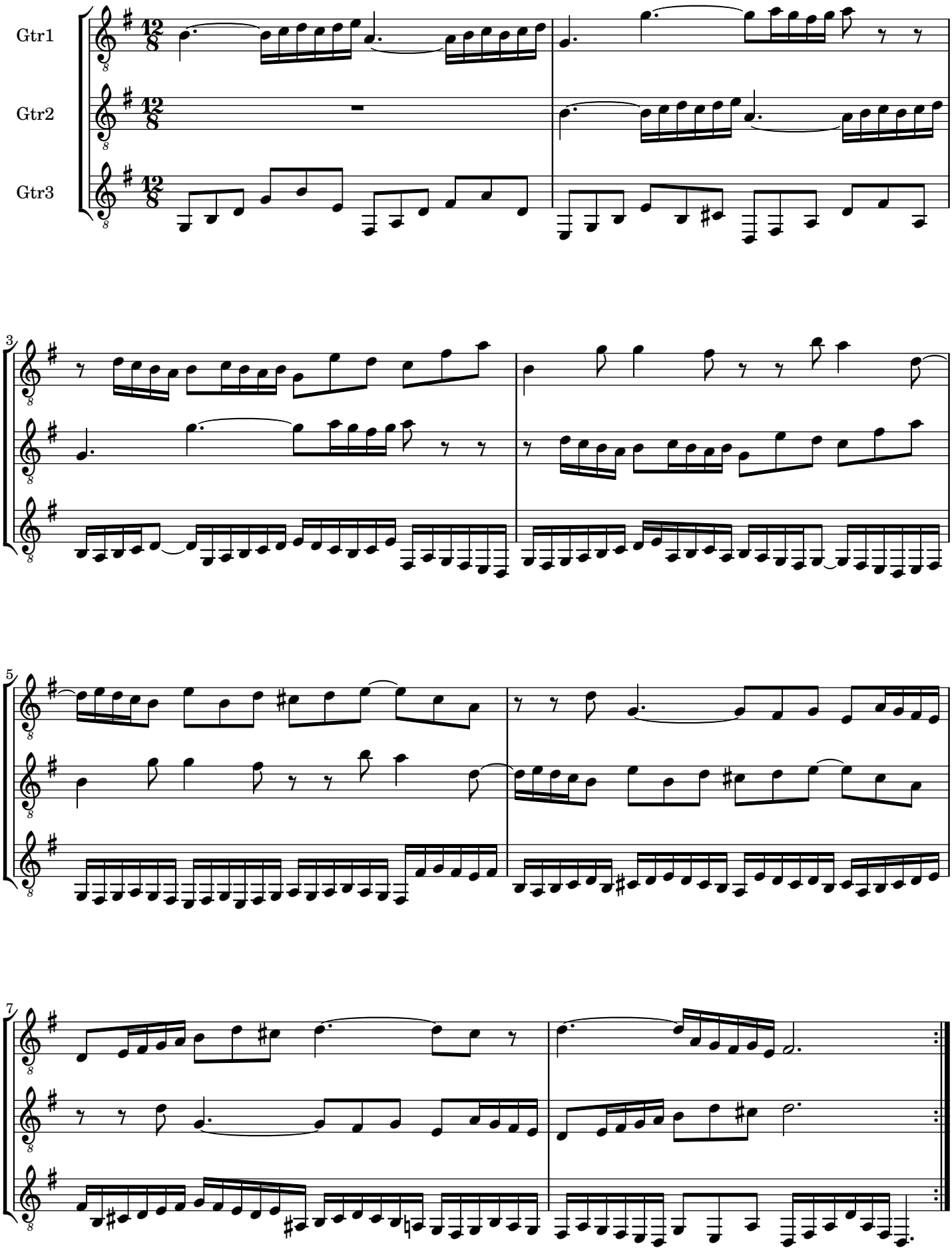


Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and J.D. Erickson — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

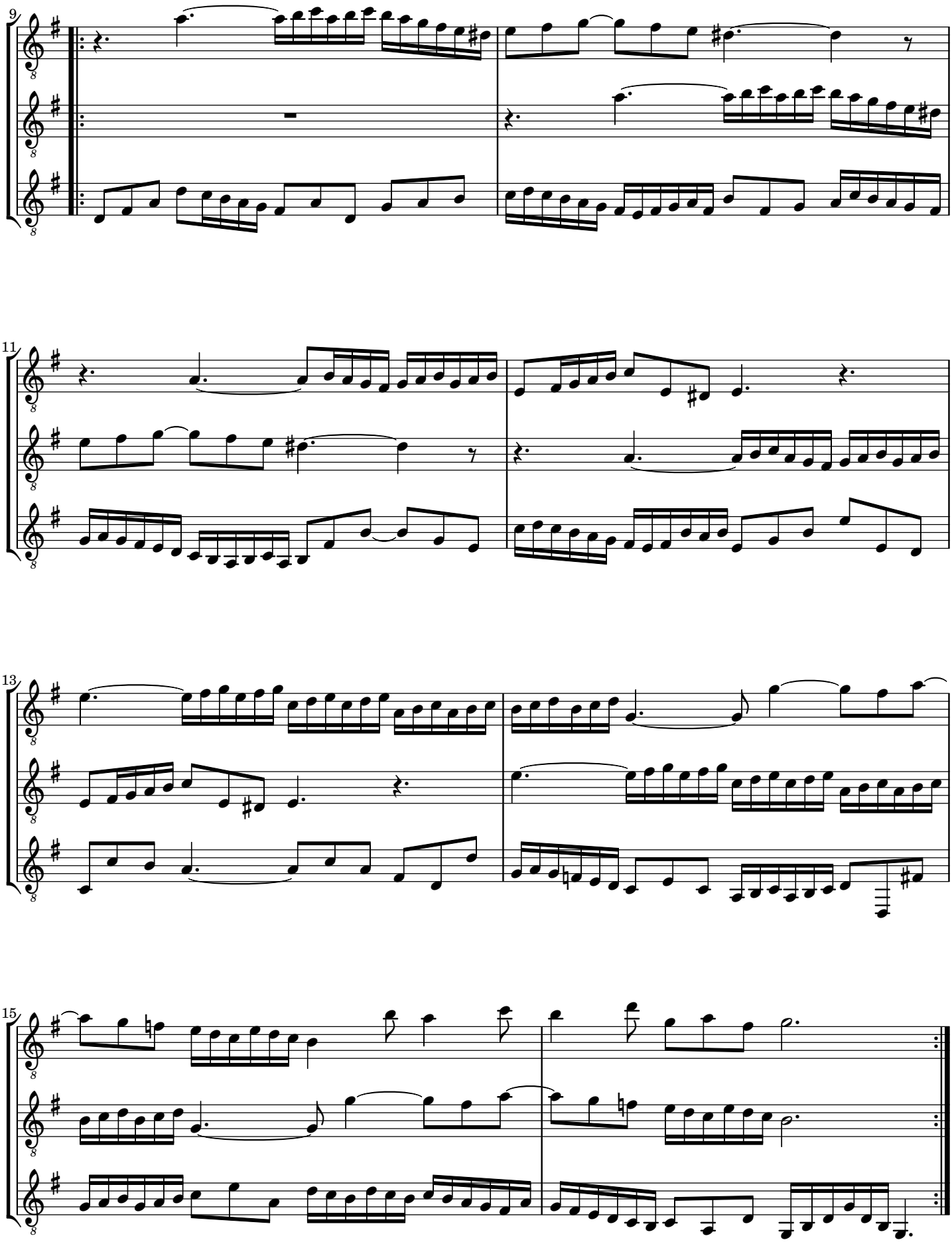

18
22
26
30
1.
2.

Variation 03

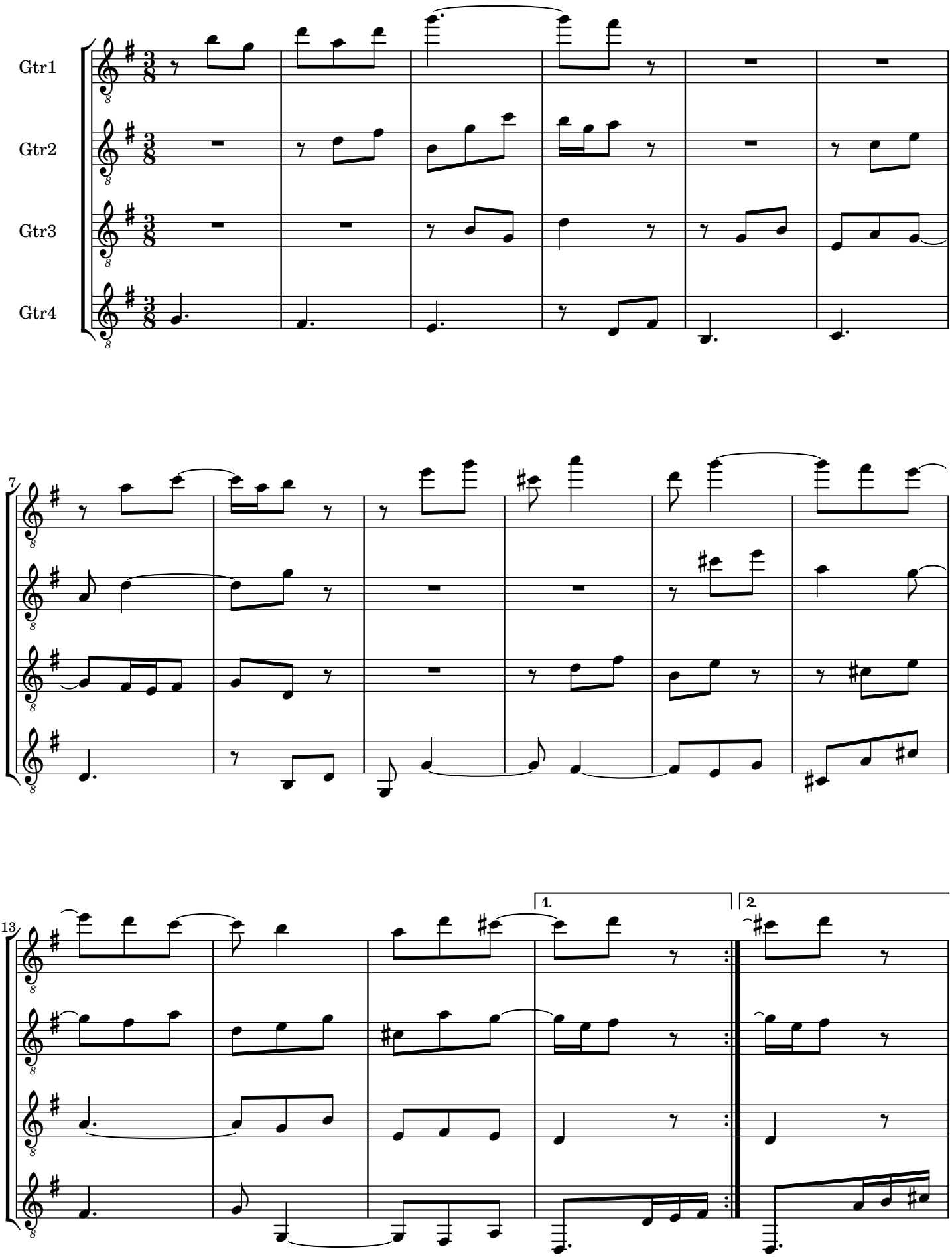
Canon at the Unison



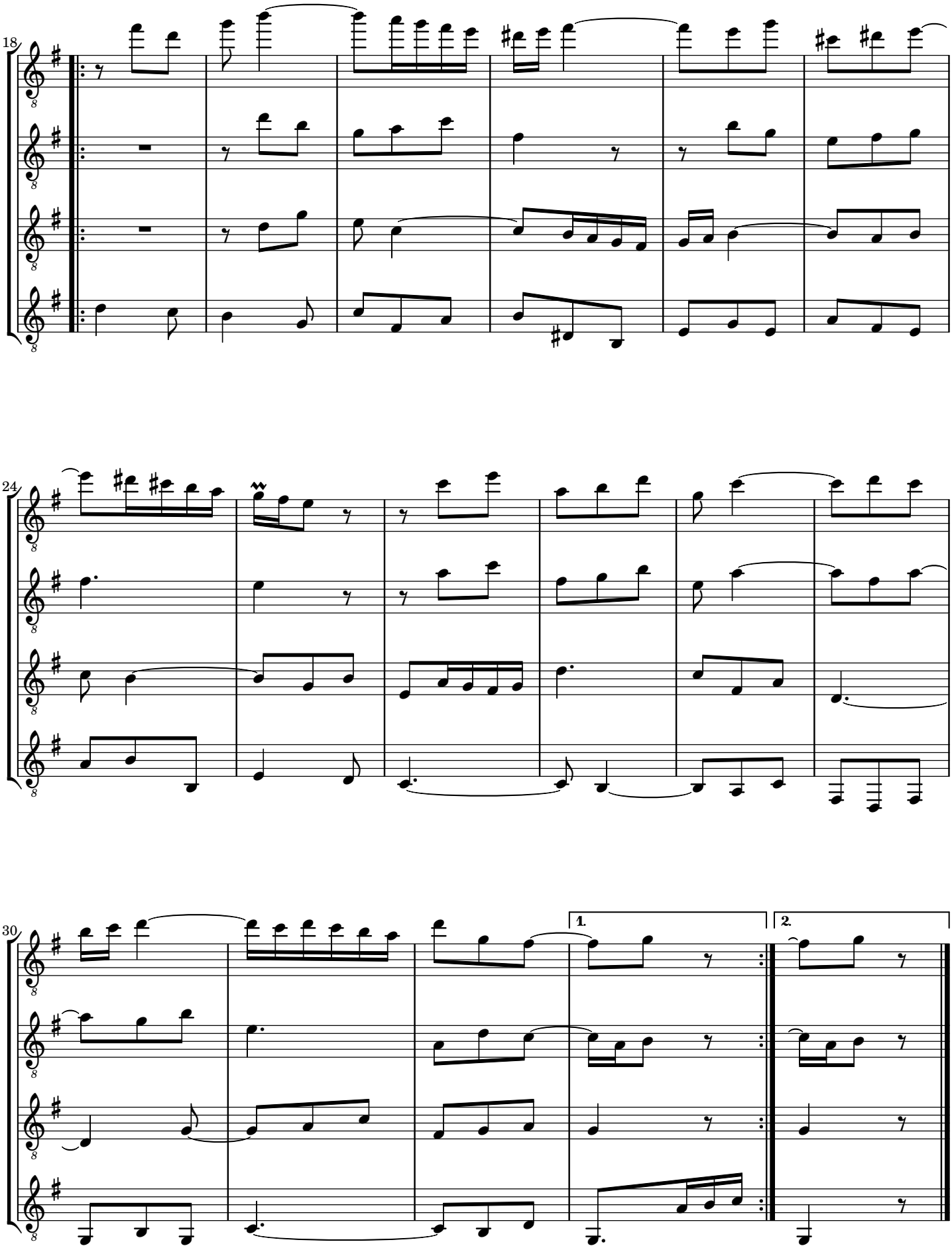
Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform


9
11
13
15

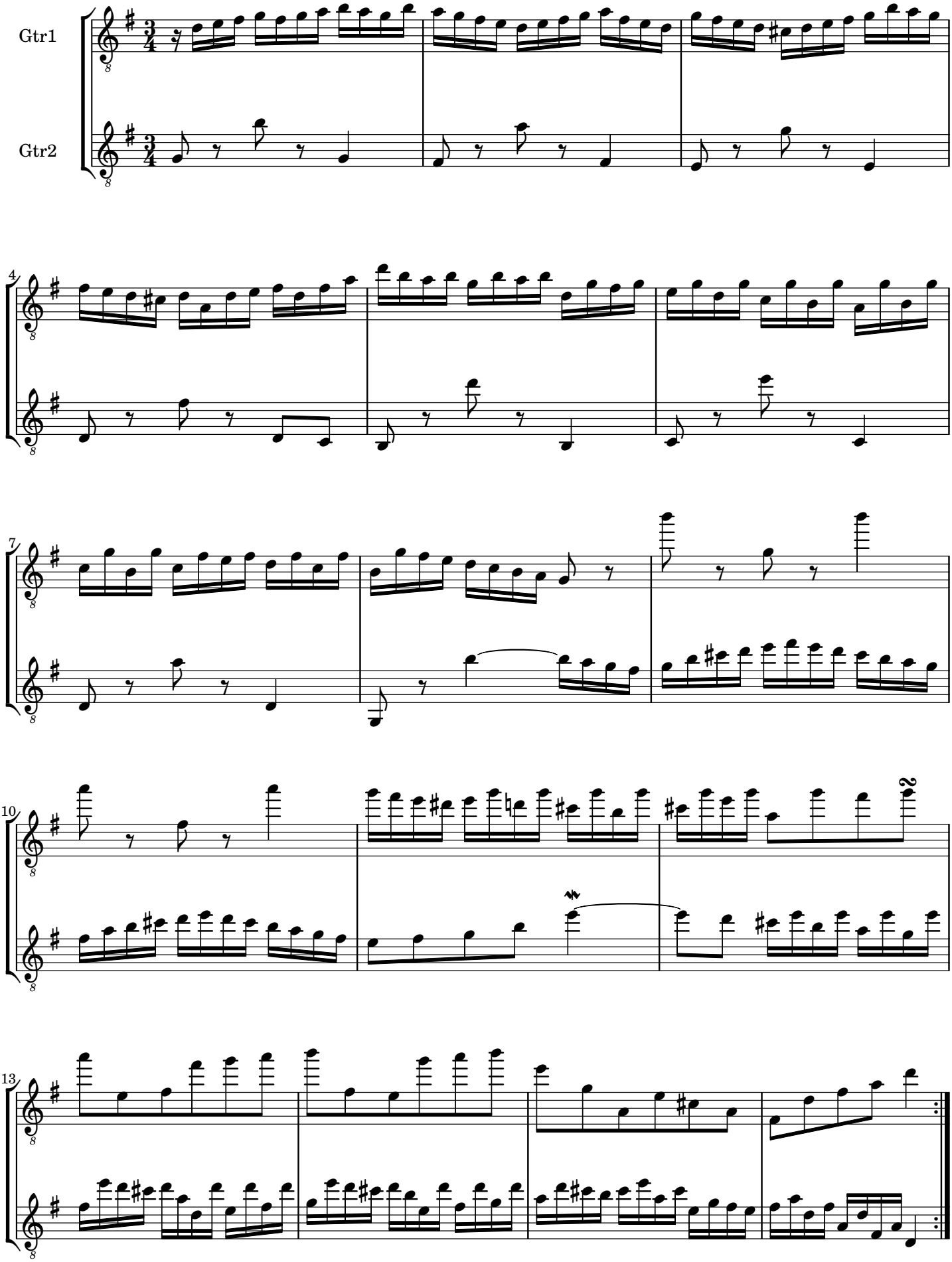
Variation 04



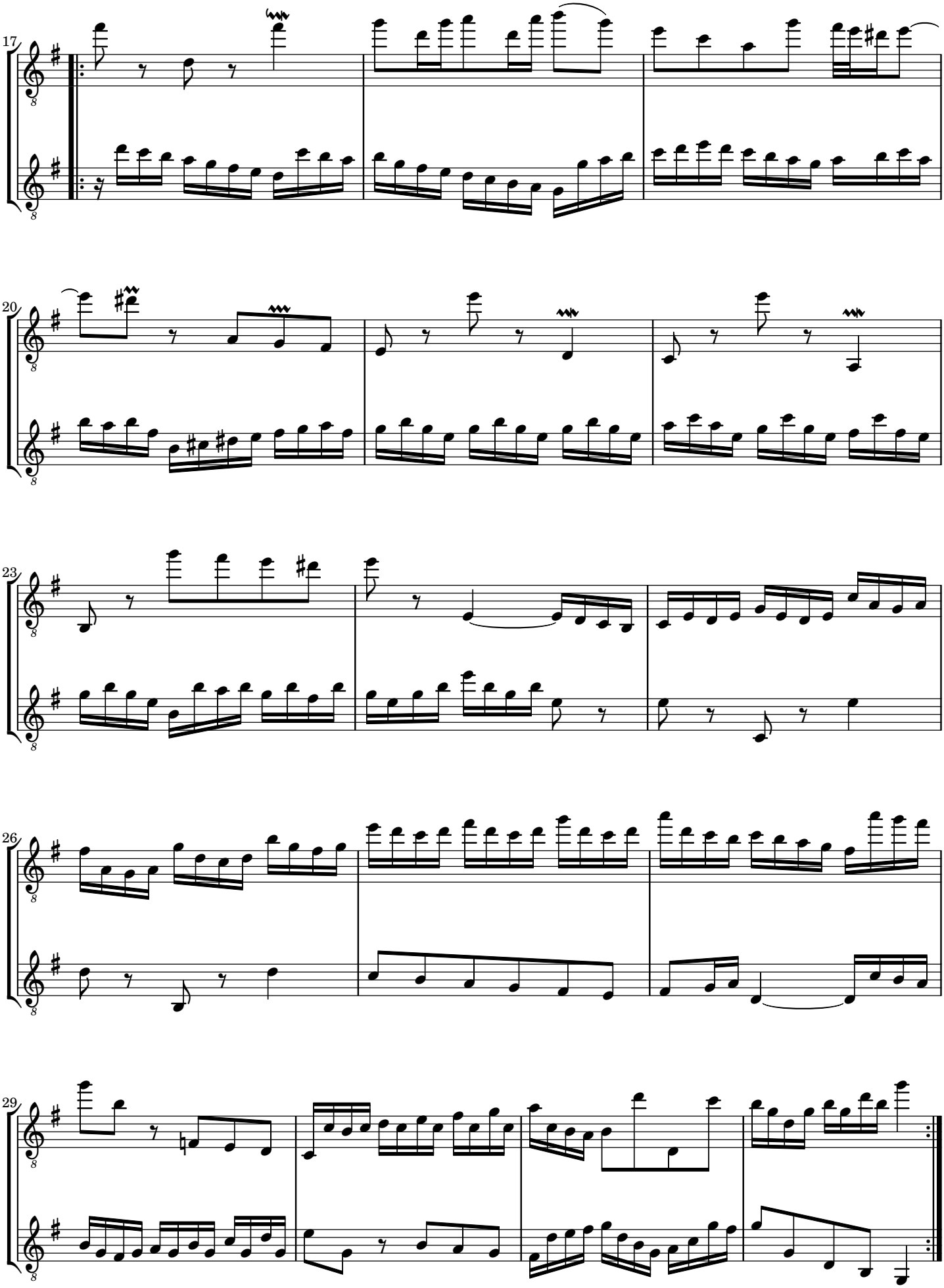
Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform


18
24
30
1.
2.

Variation 05

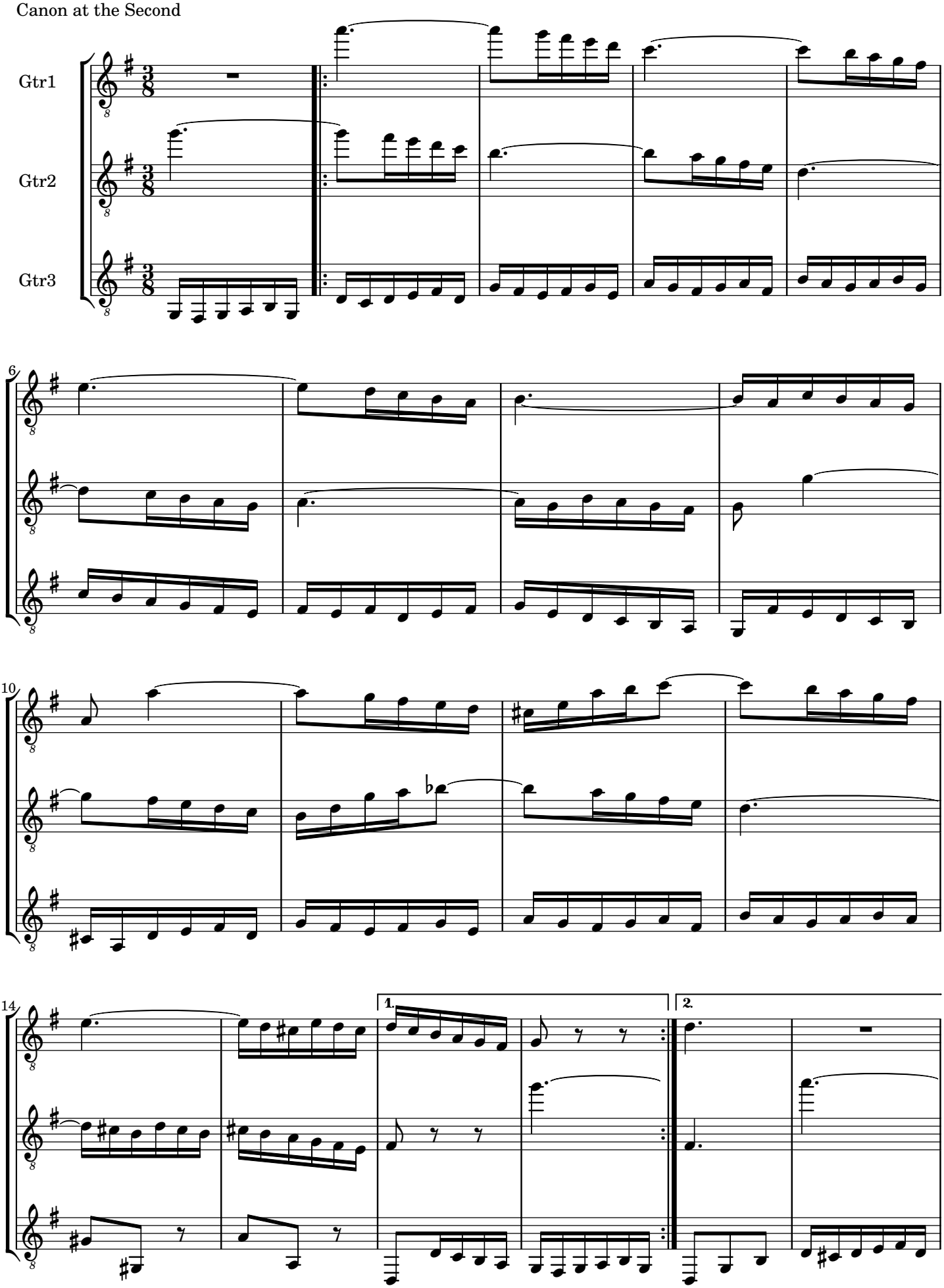


Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

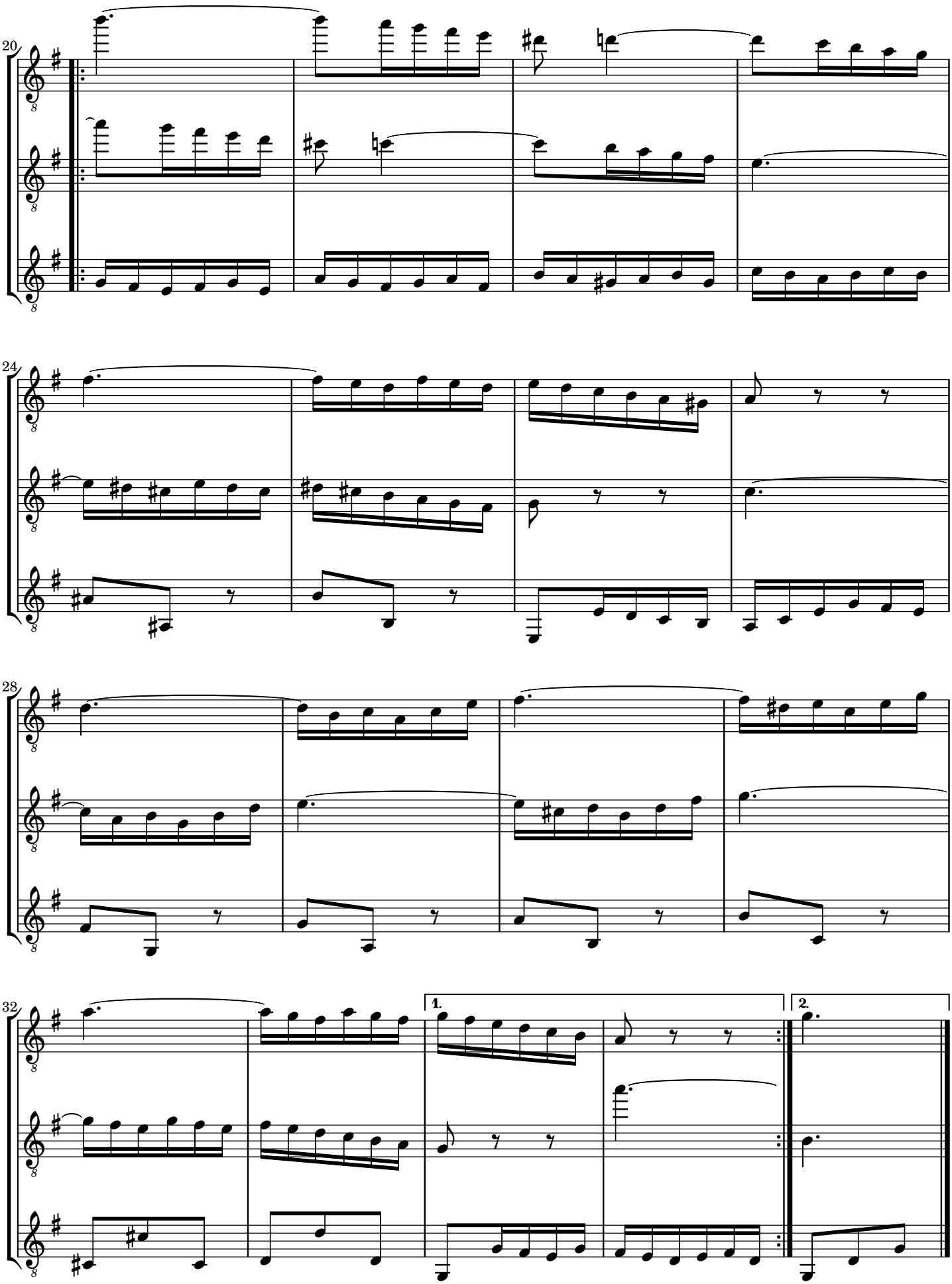

17
20
23
26
29

Variation 06

Canon at the Second

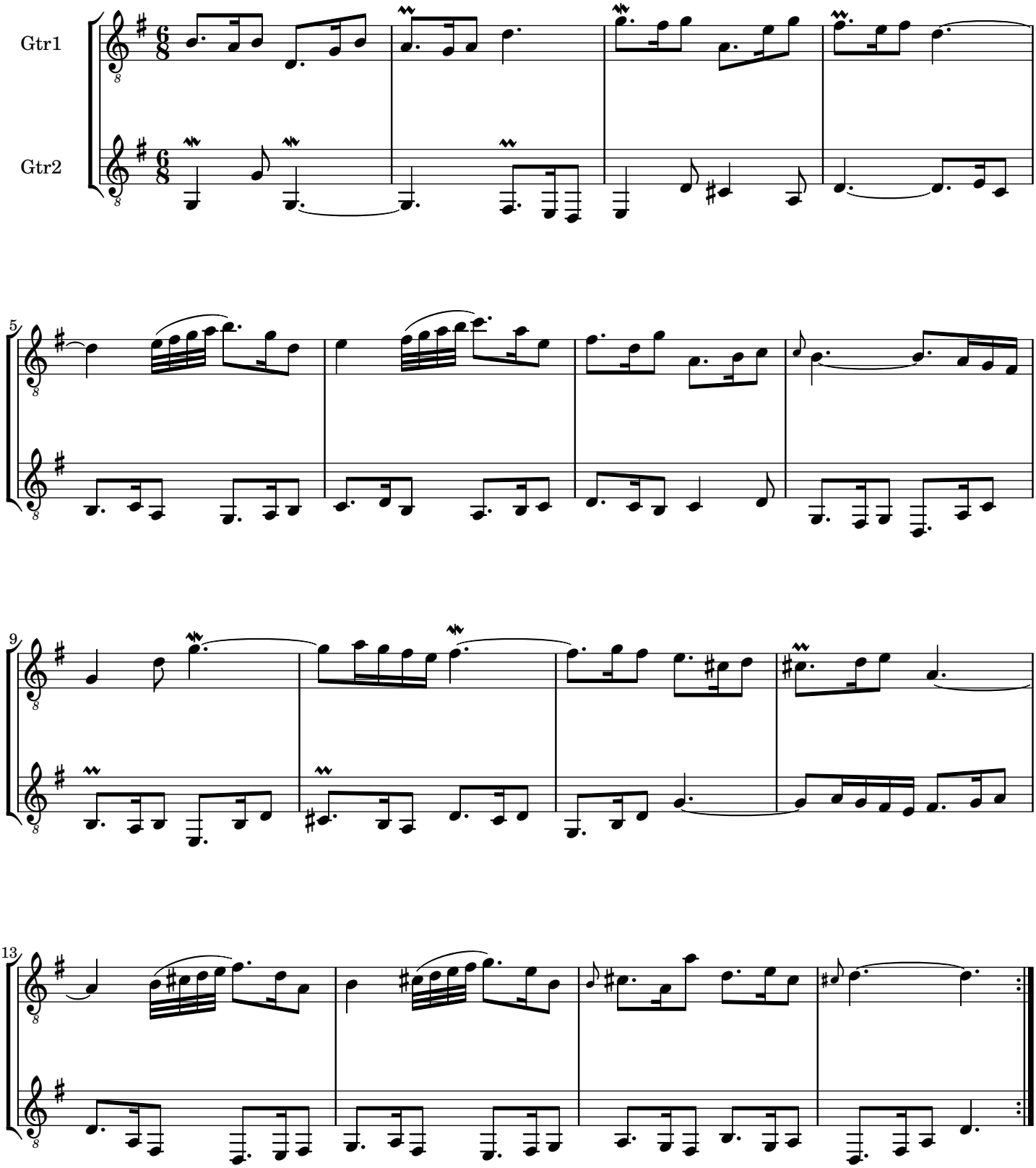


Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

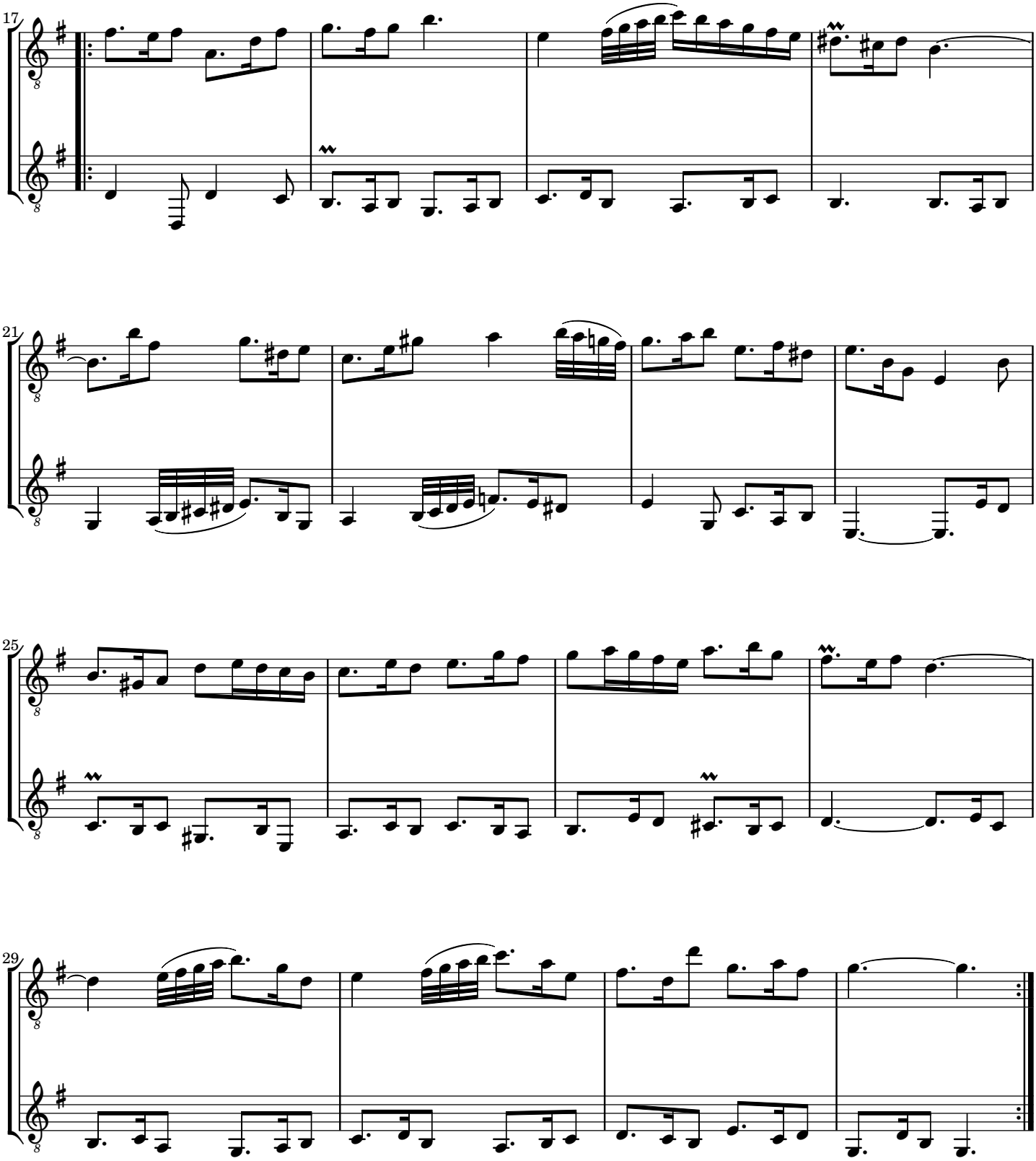

20
24
28
32
1.
2.

Variation 07

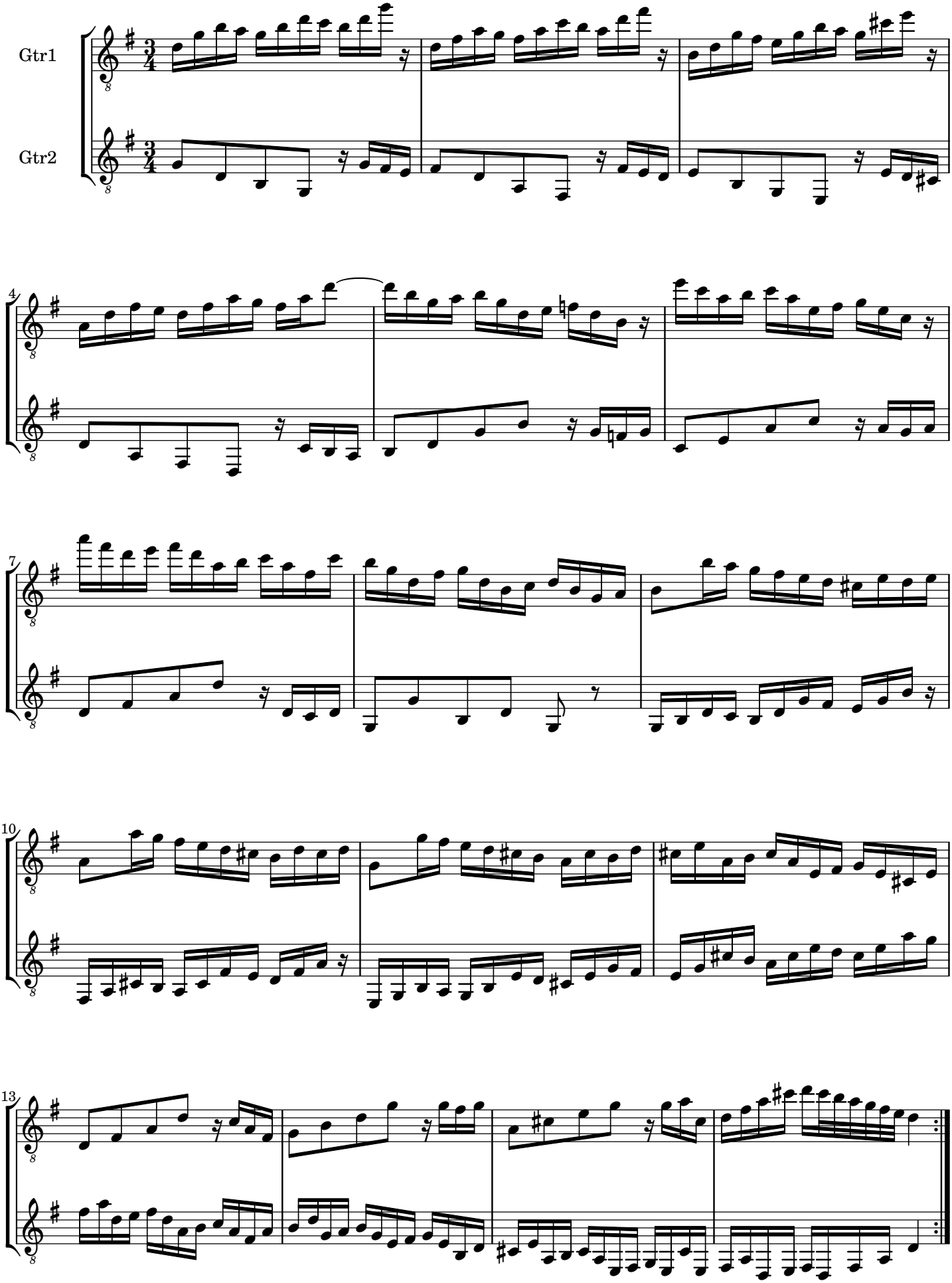
At the tempo of a Giga



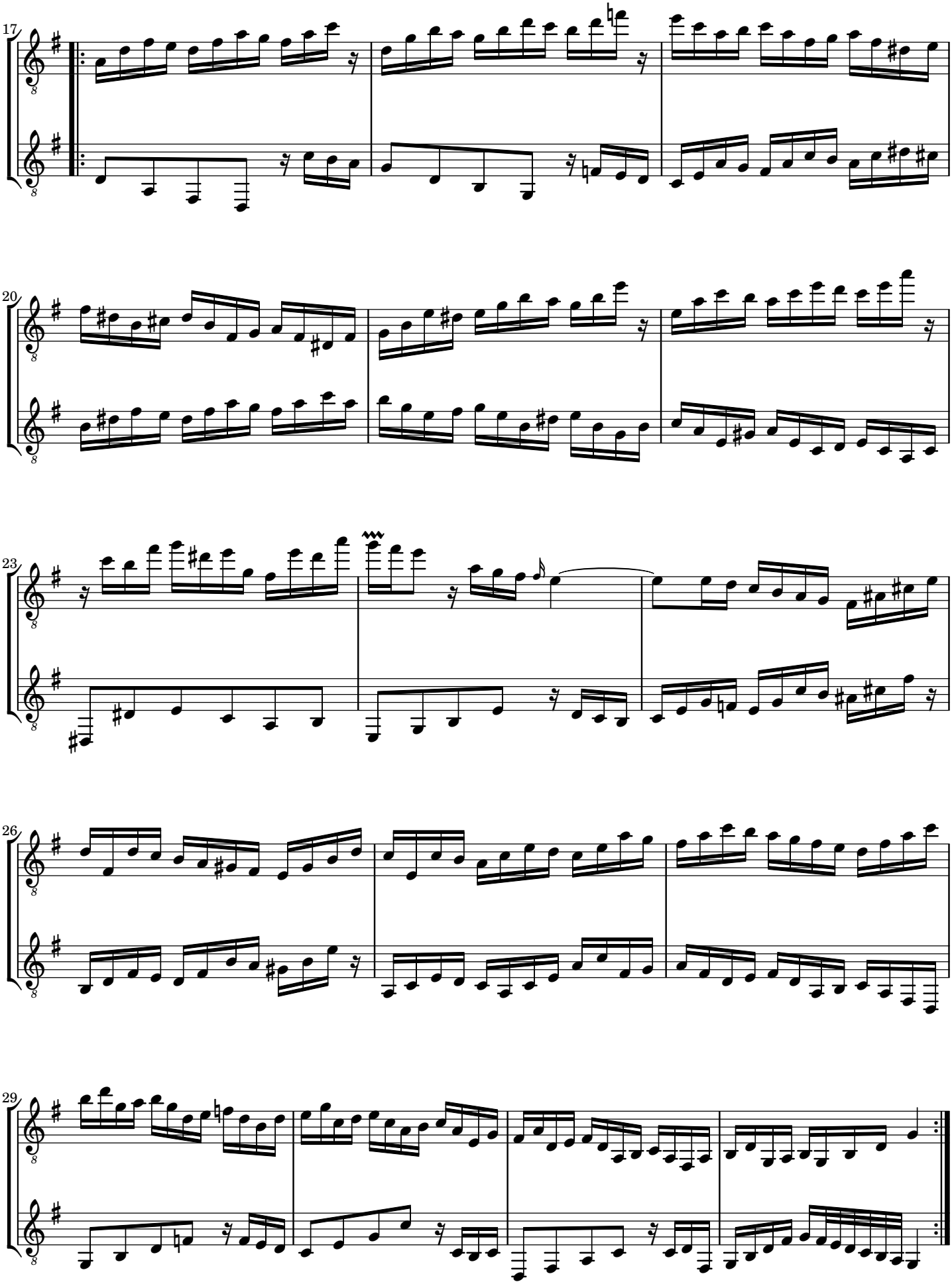
Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform


17
21
25
29

Variation 08

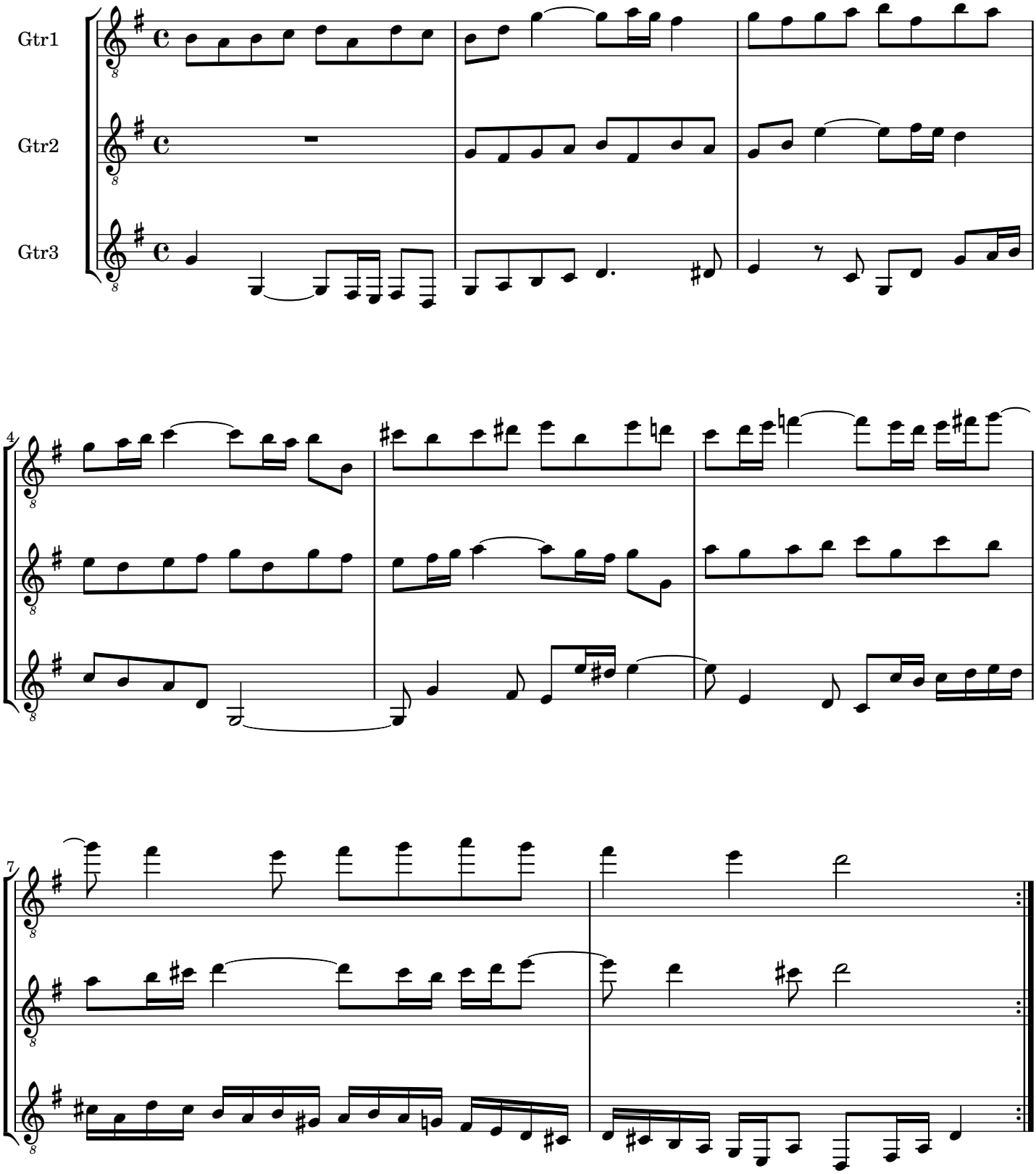


Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

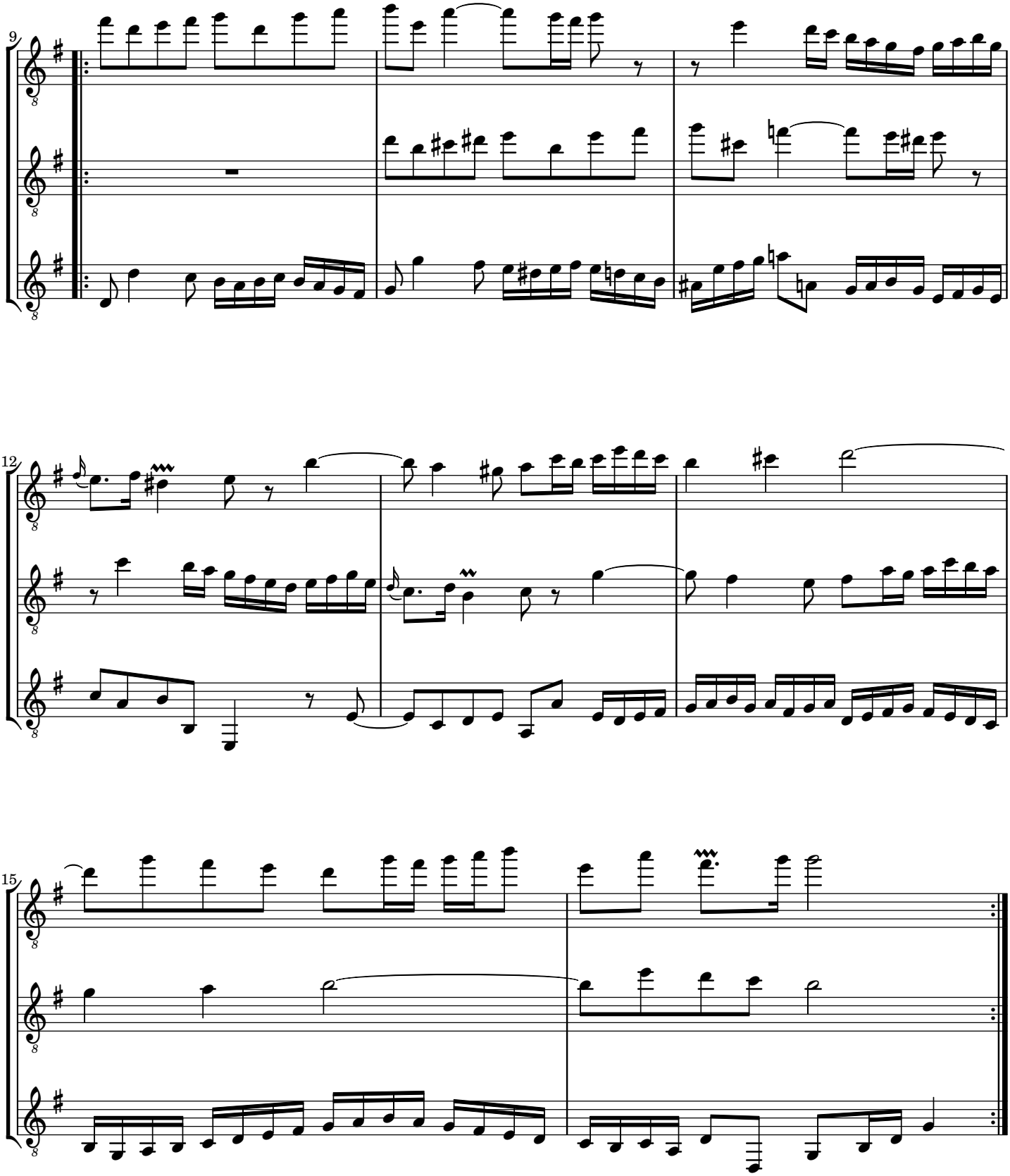

17
20
23
26
29

Variation 09

Canon at the Third

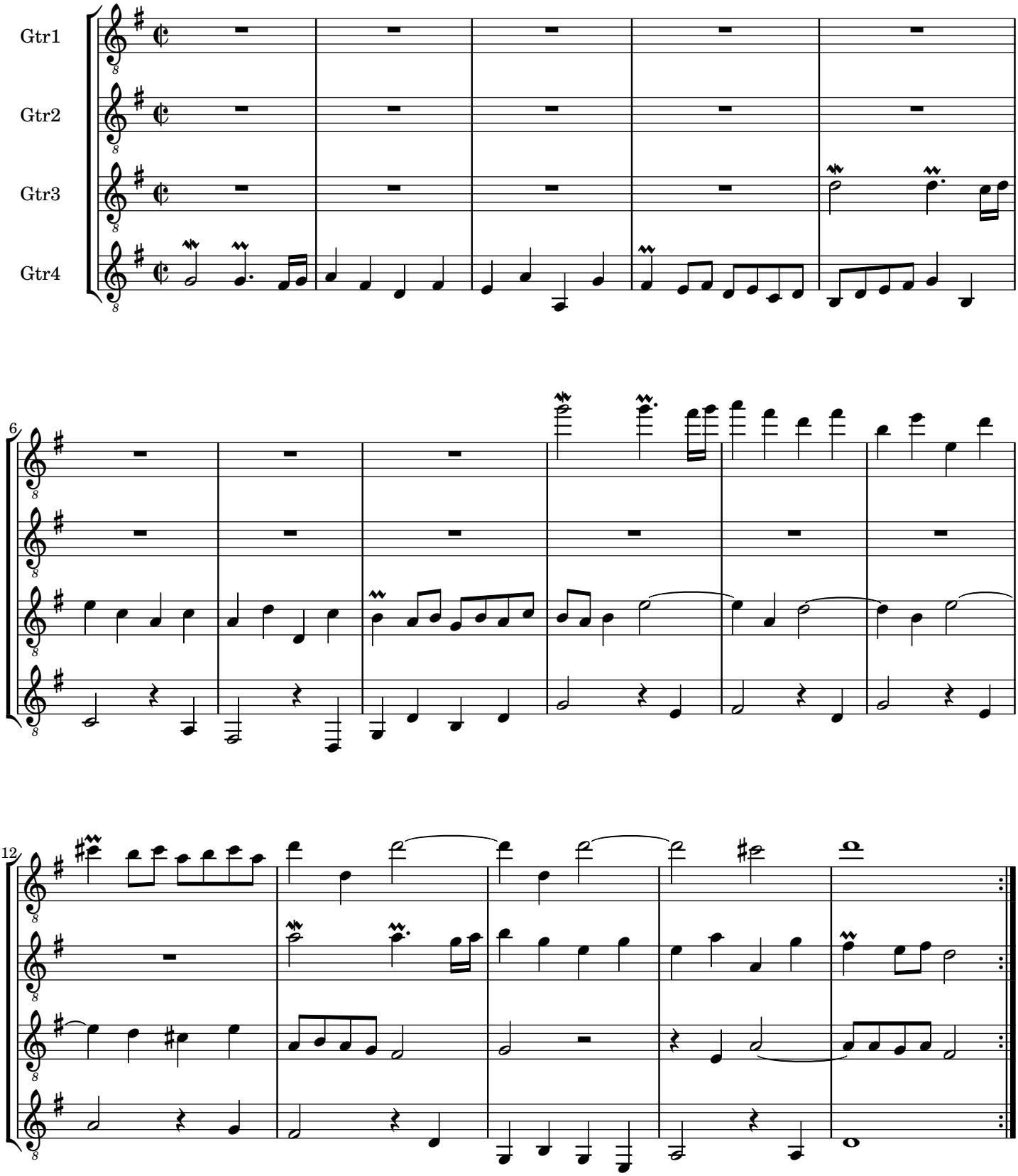


Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

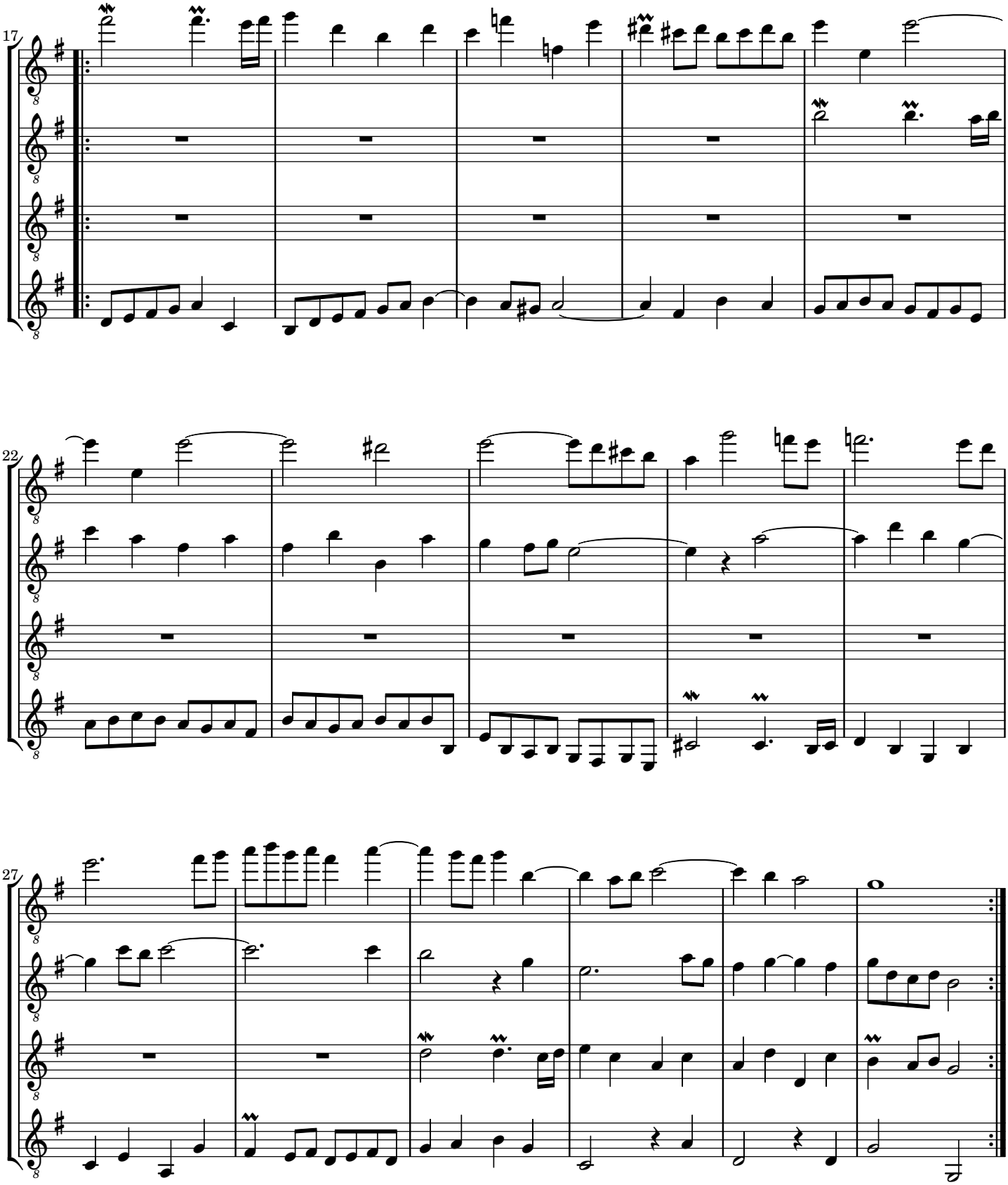

9
12
15

Variation 10

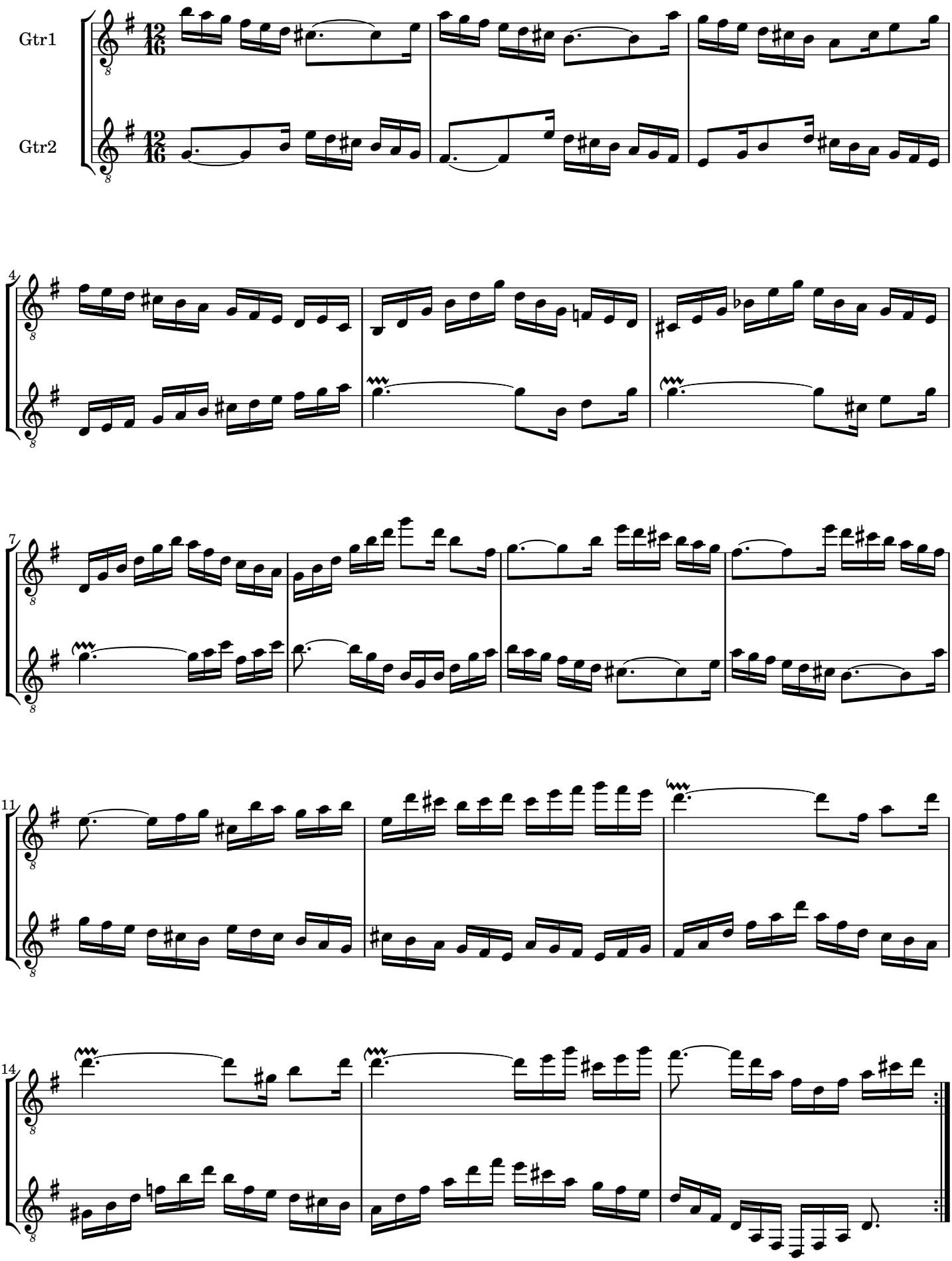
Fughetta



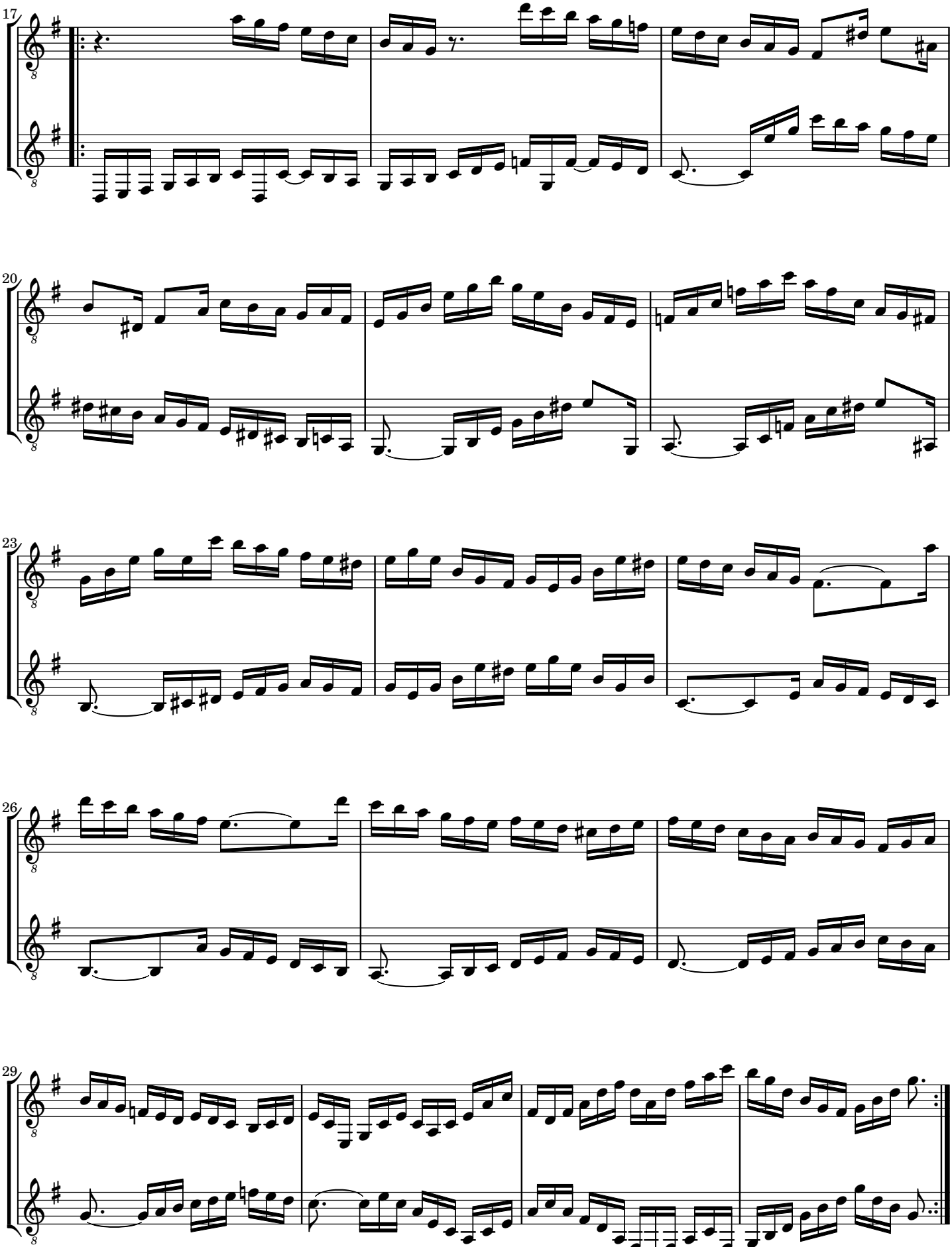
Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform


17
22
27

Variation 11

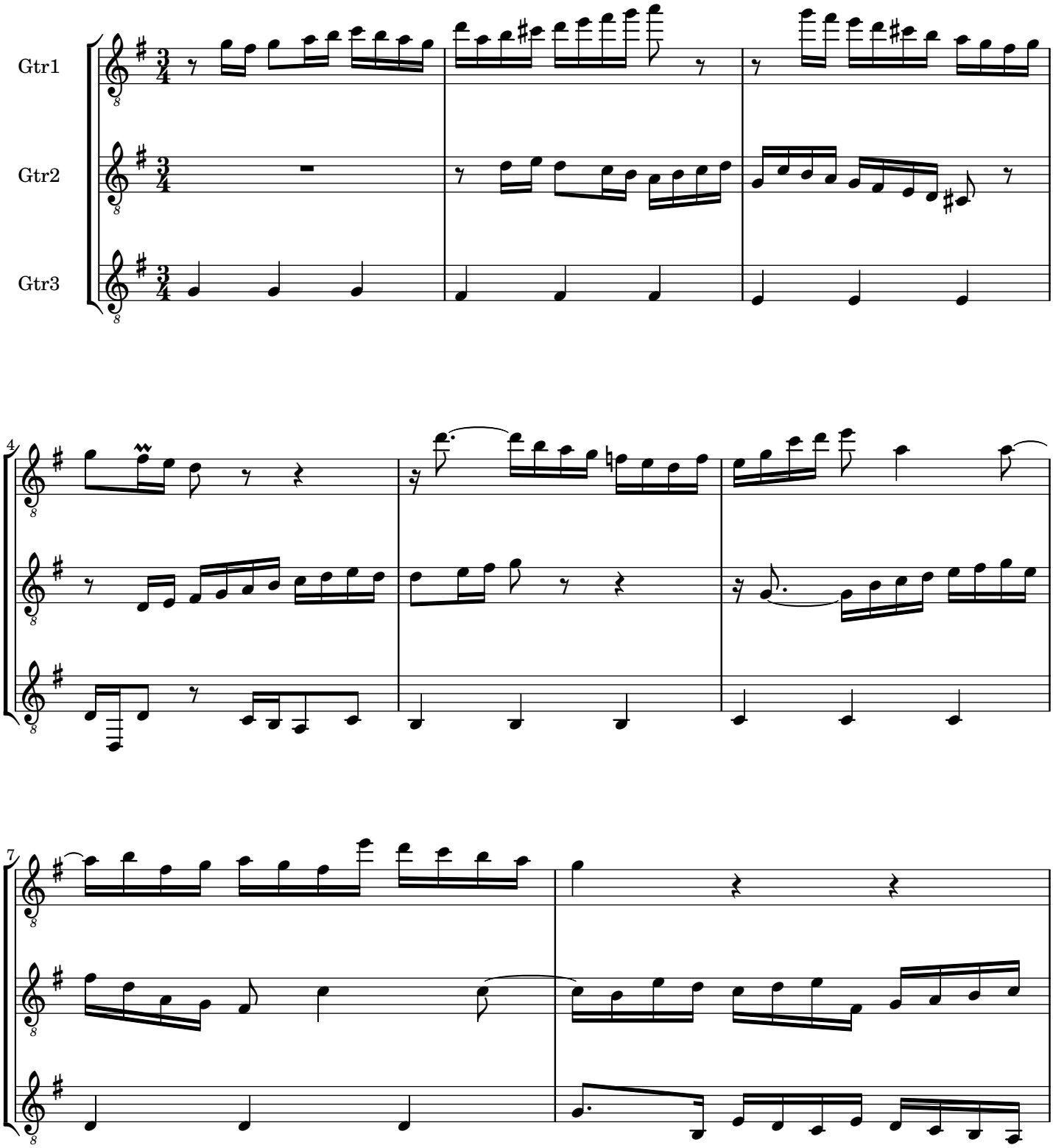


Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

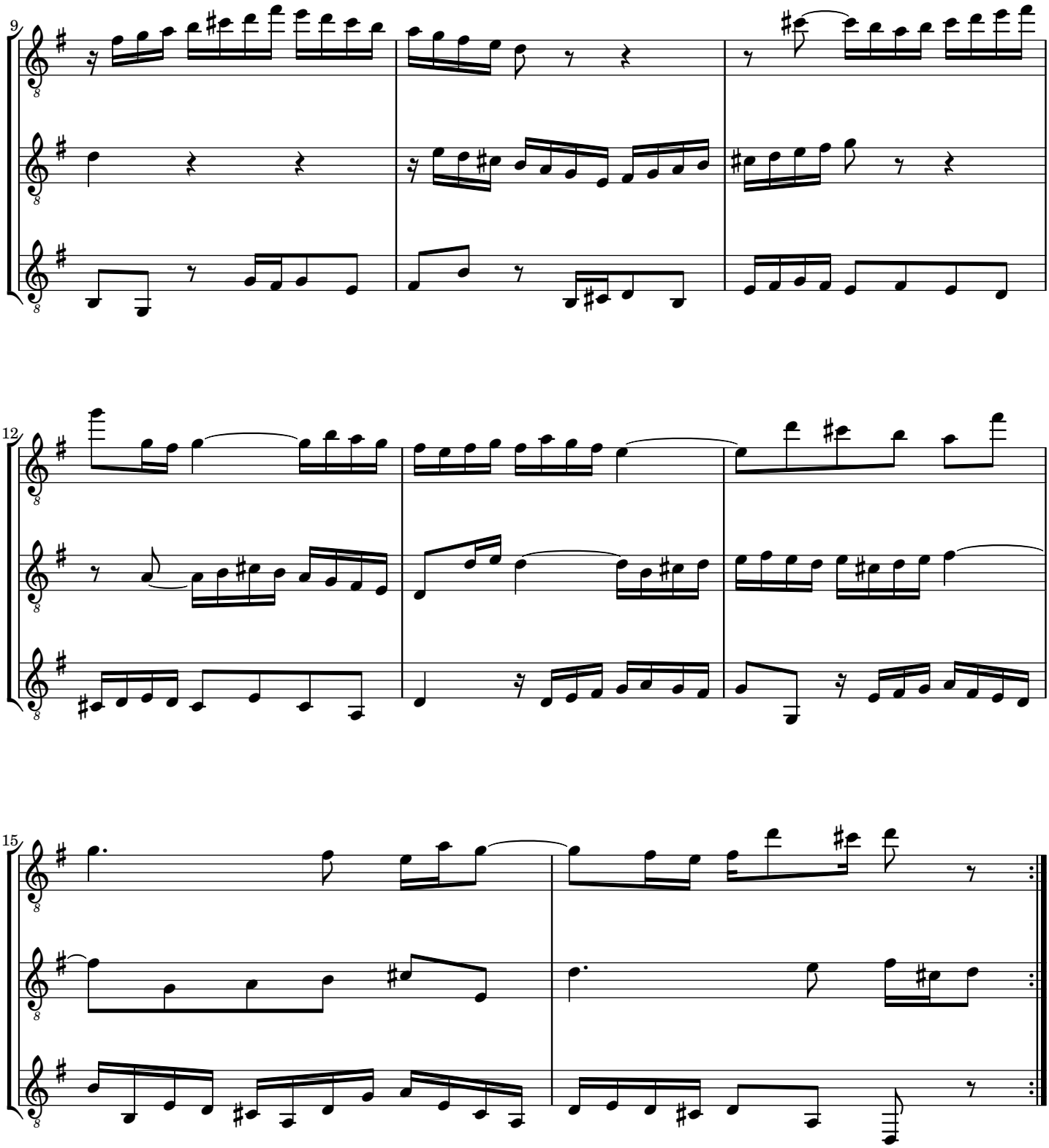


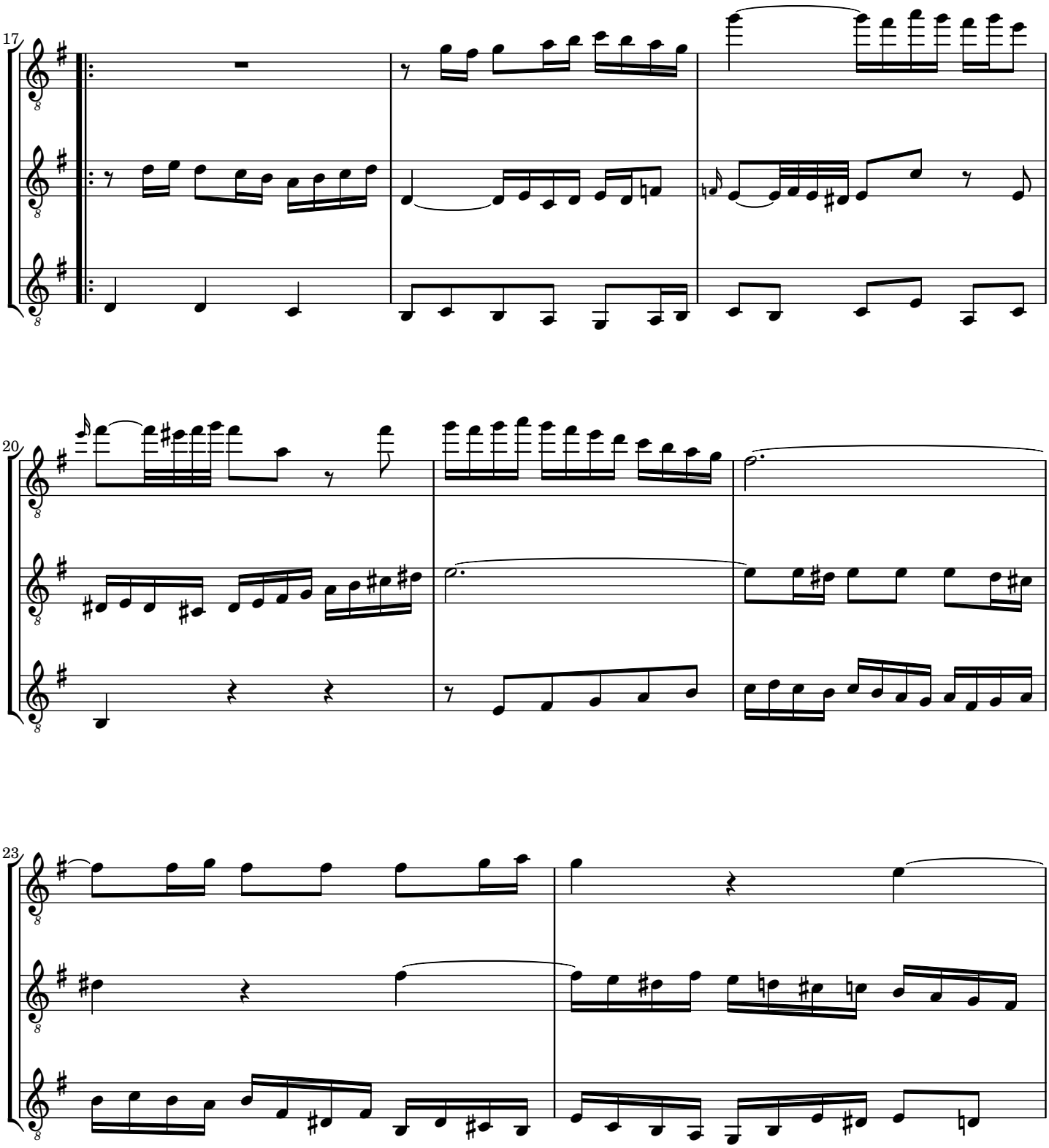
Variation 12

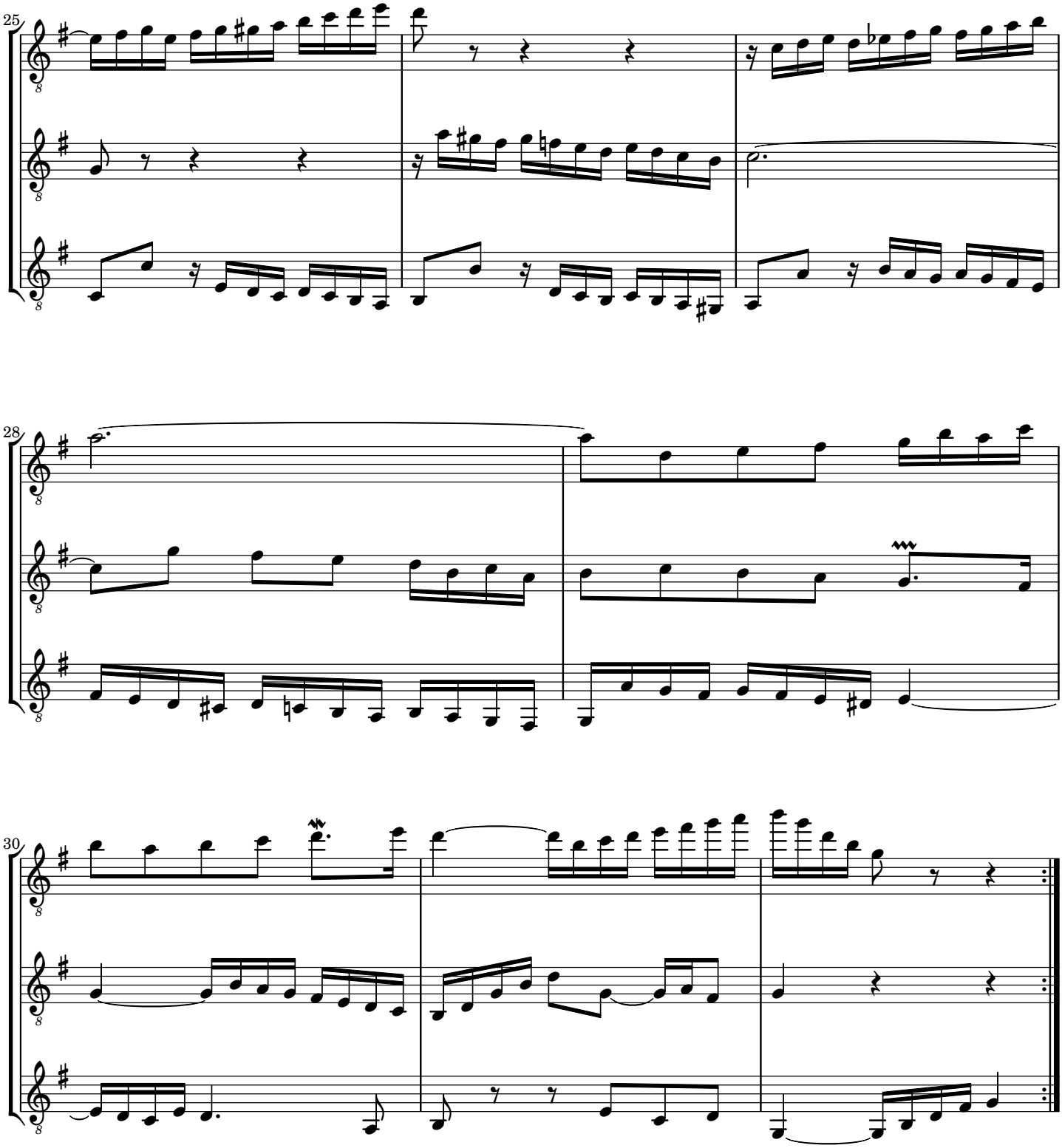
Canon at the Fourth



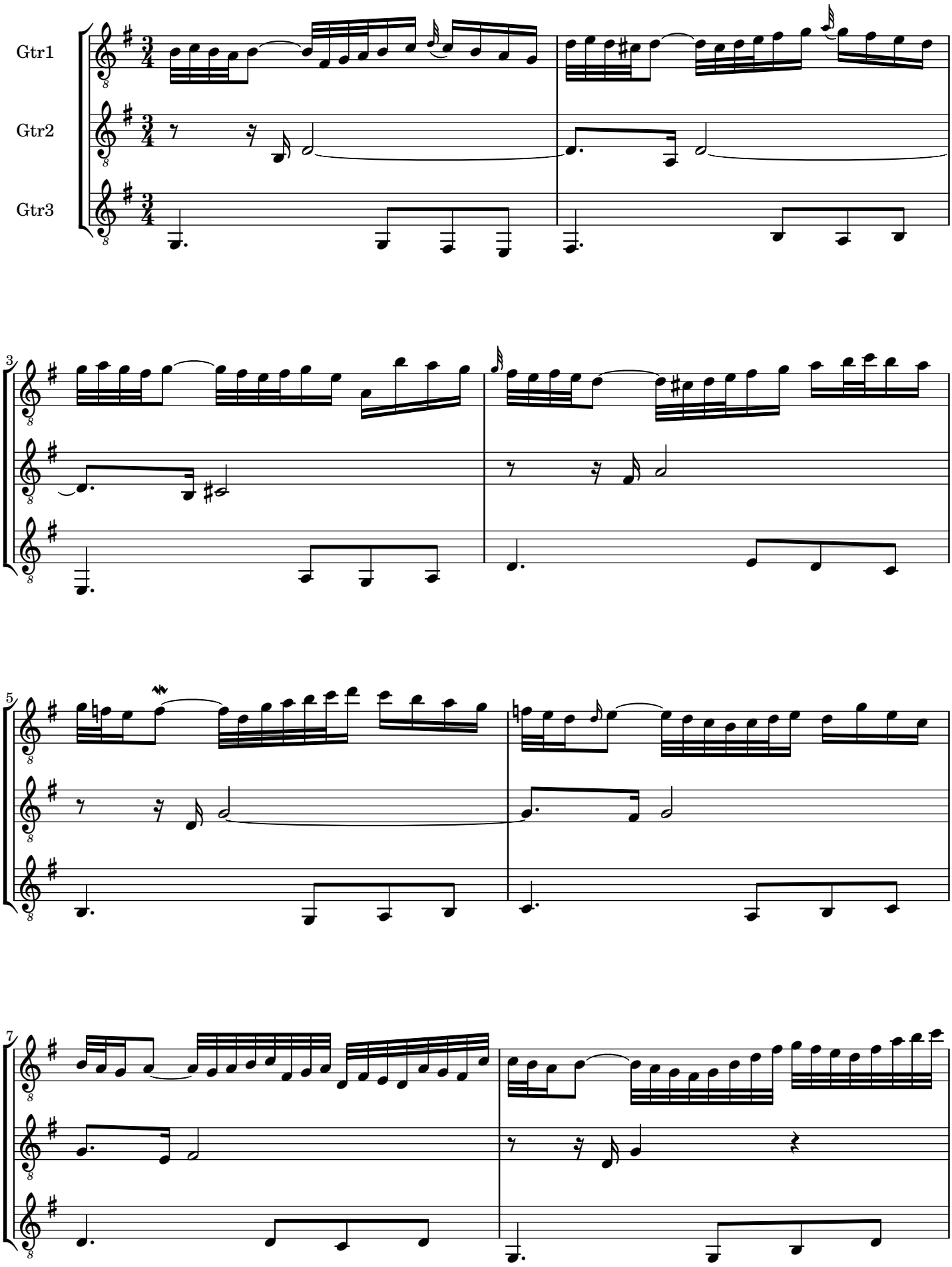
Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform



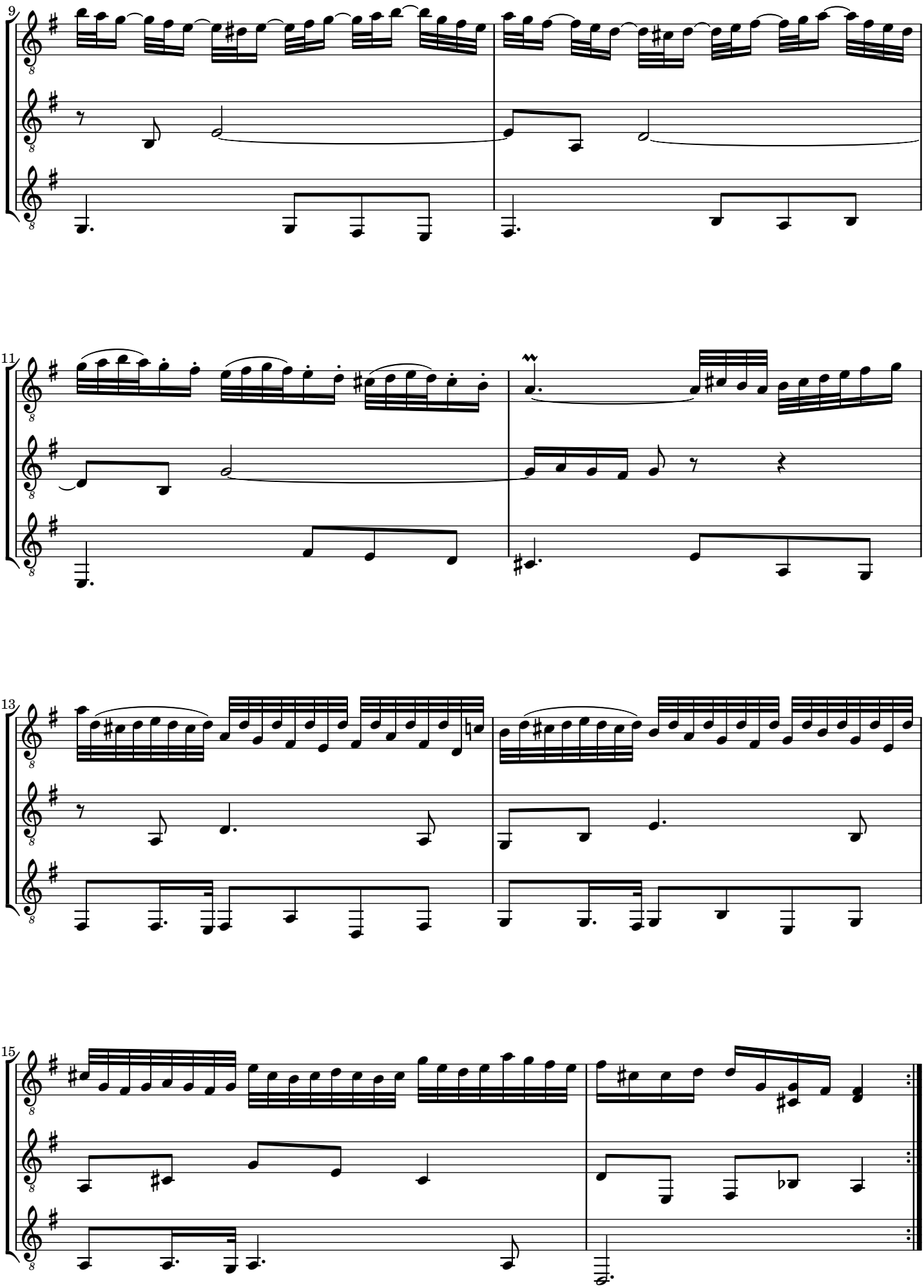

17
20
23

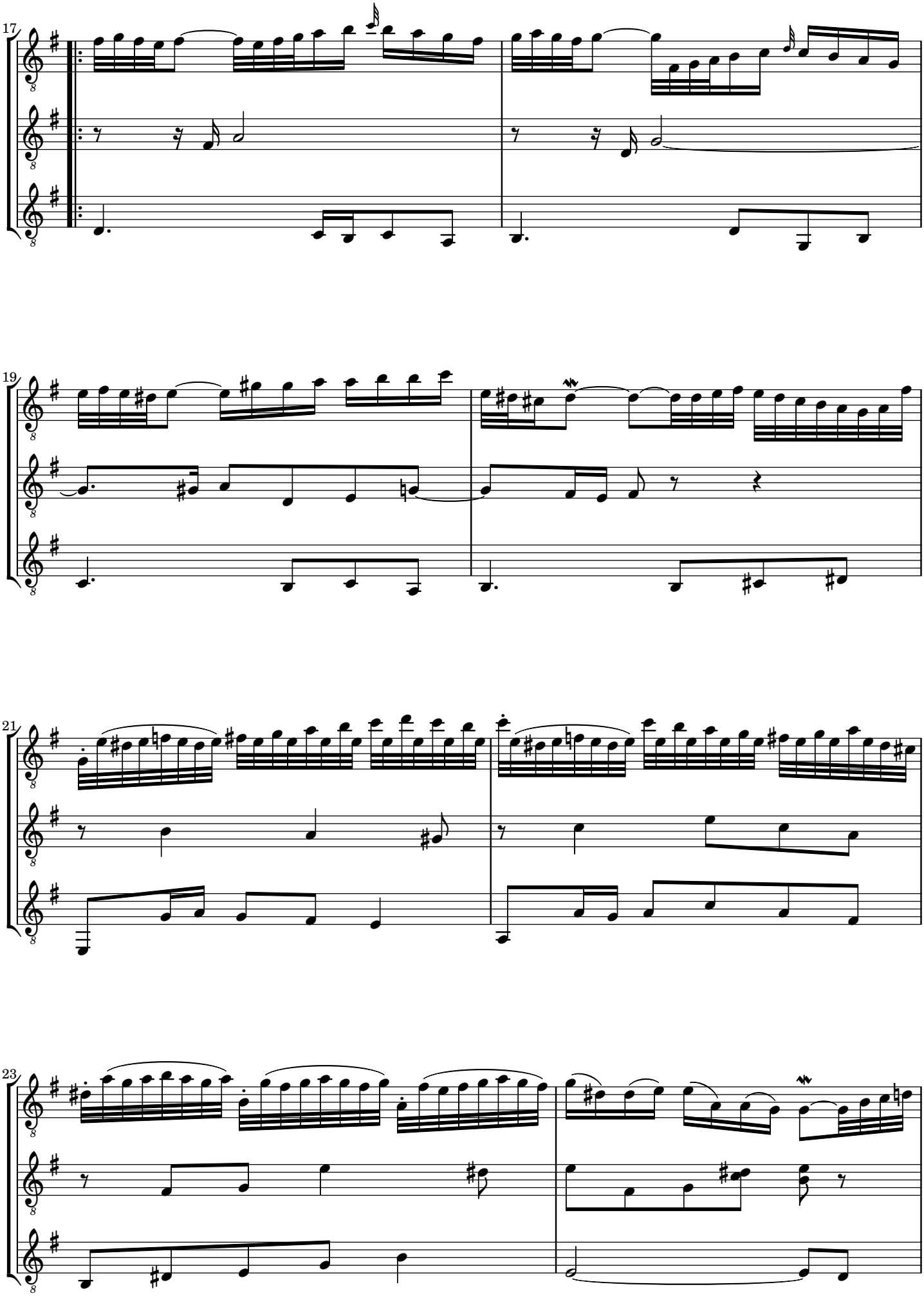

25
28
30

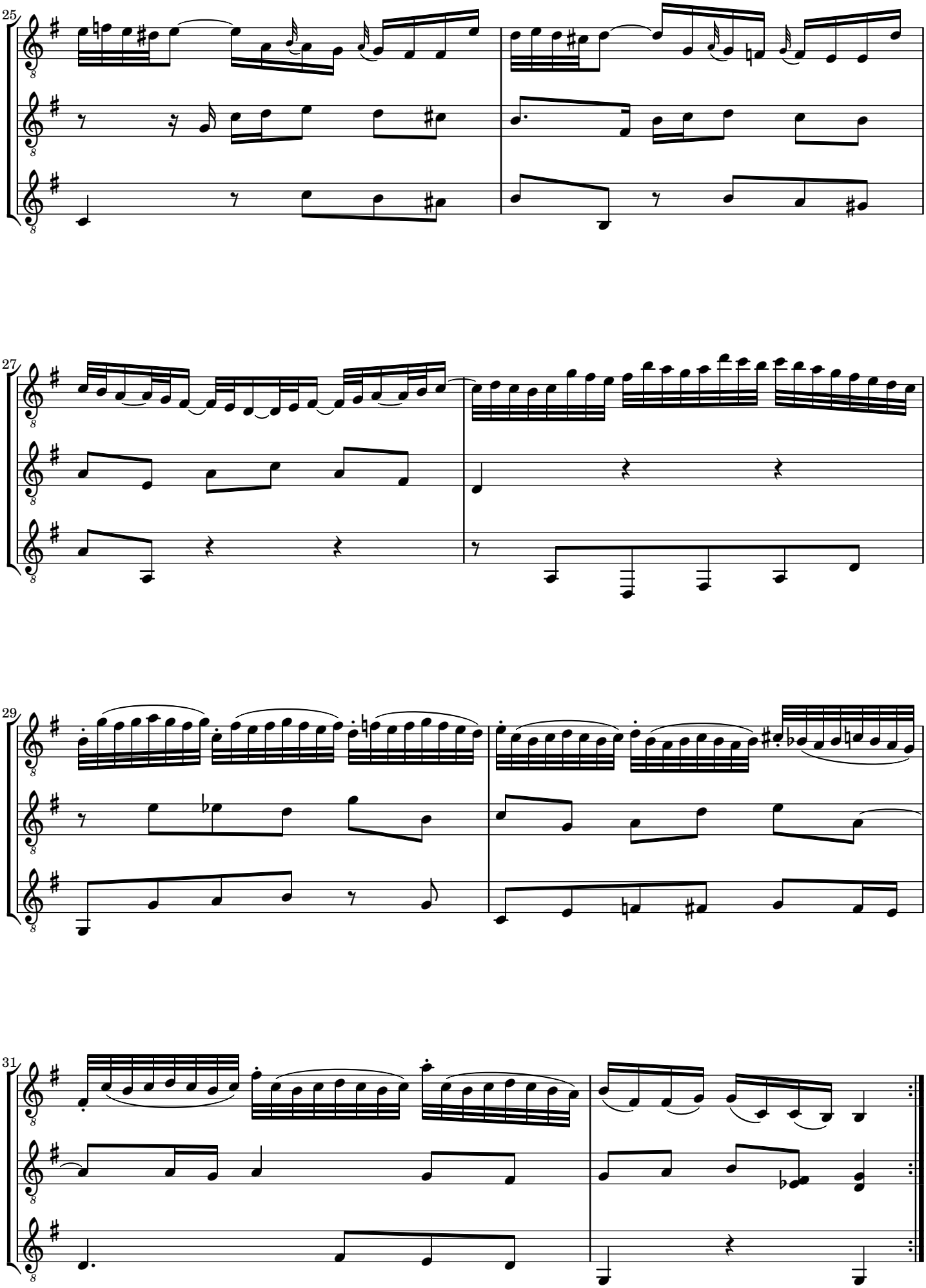
Variation 13



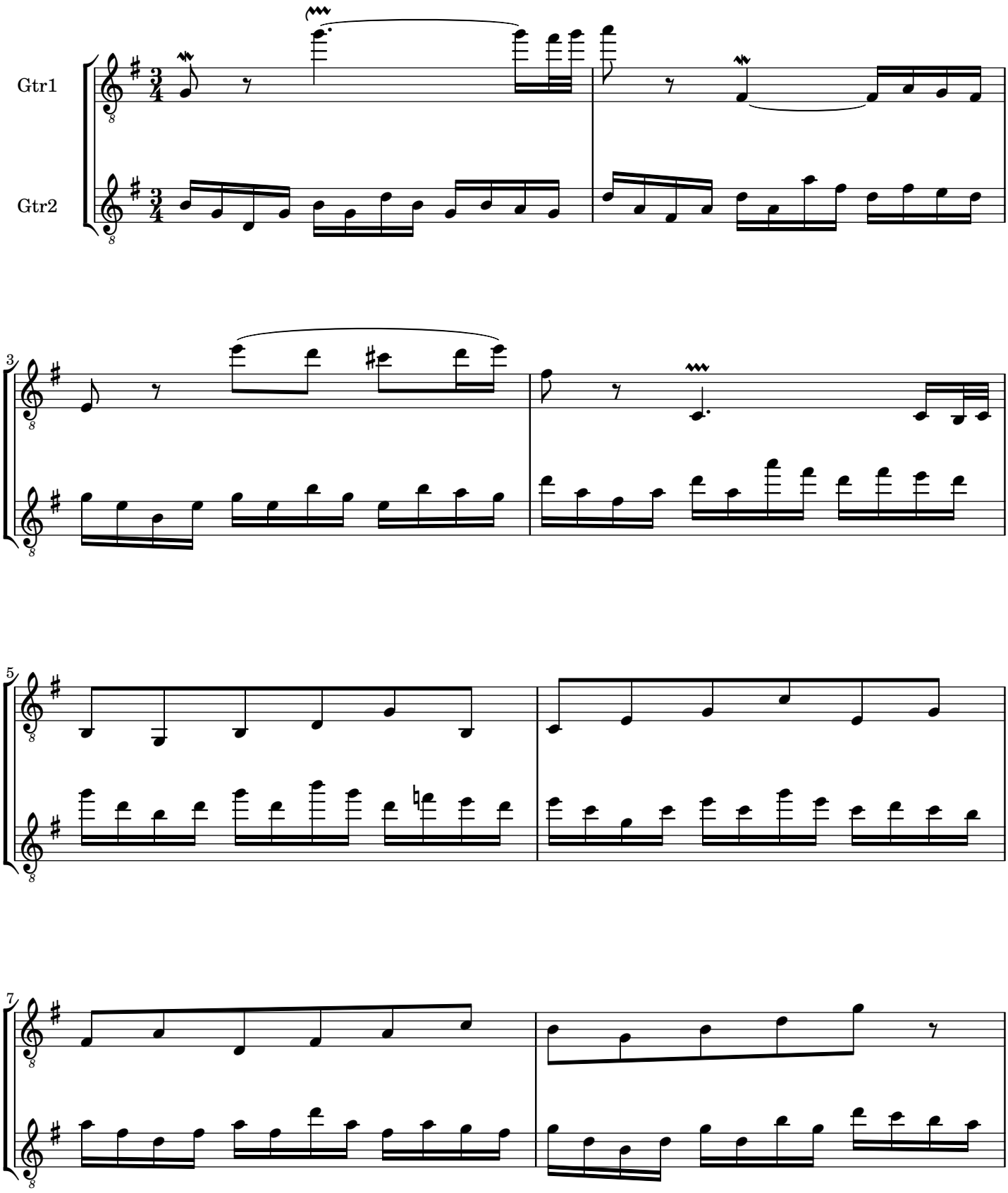
Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform


9
11
13
15

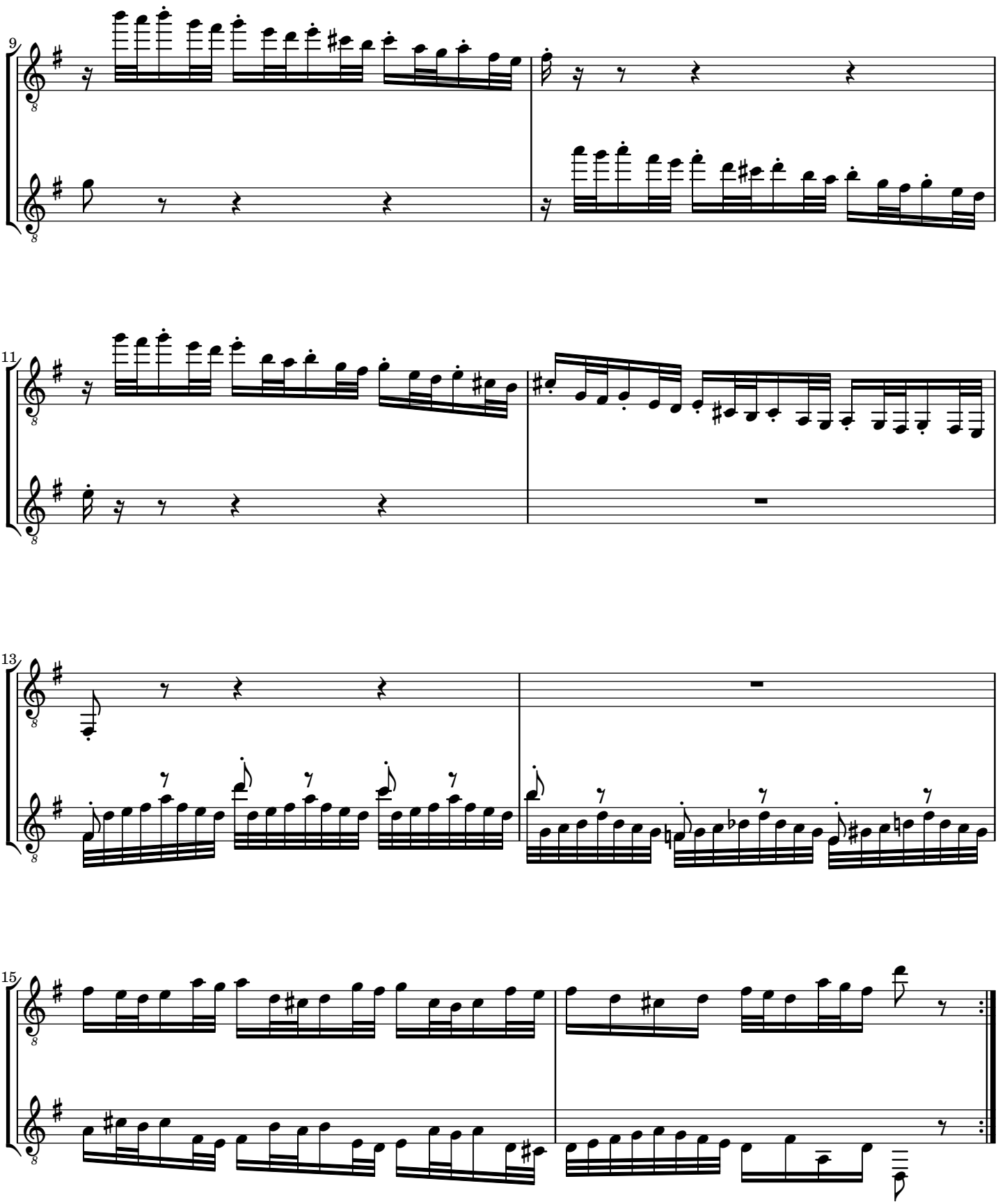

17
19
21
23

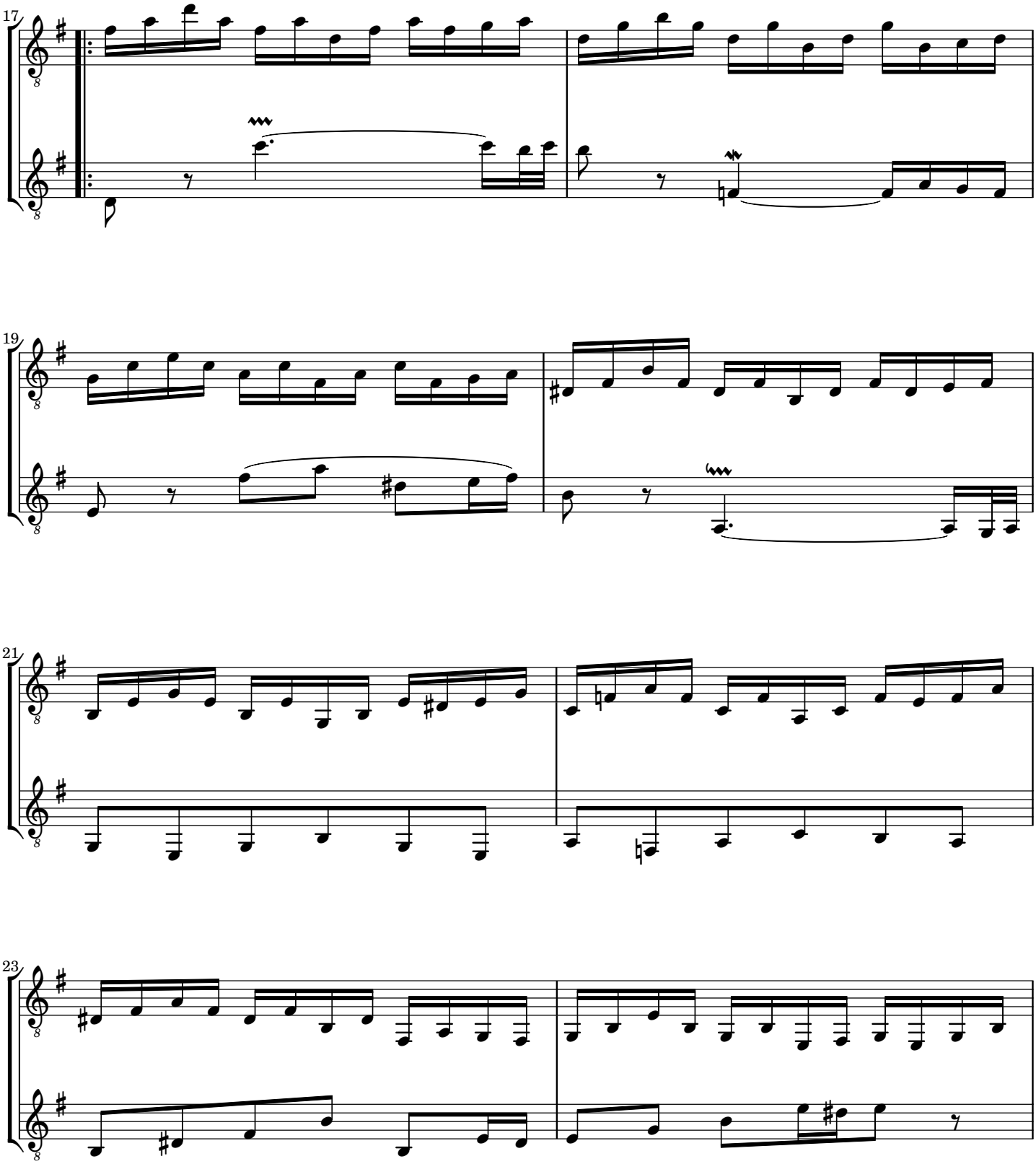

25
27
29
31

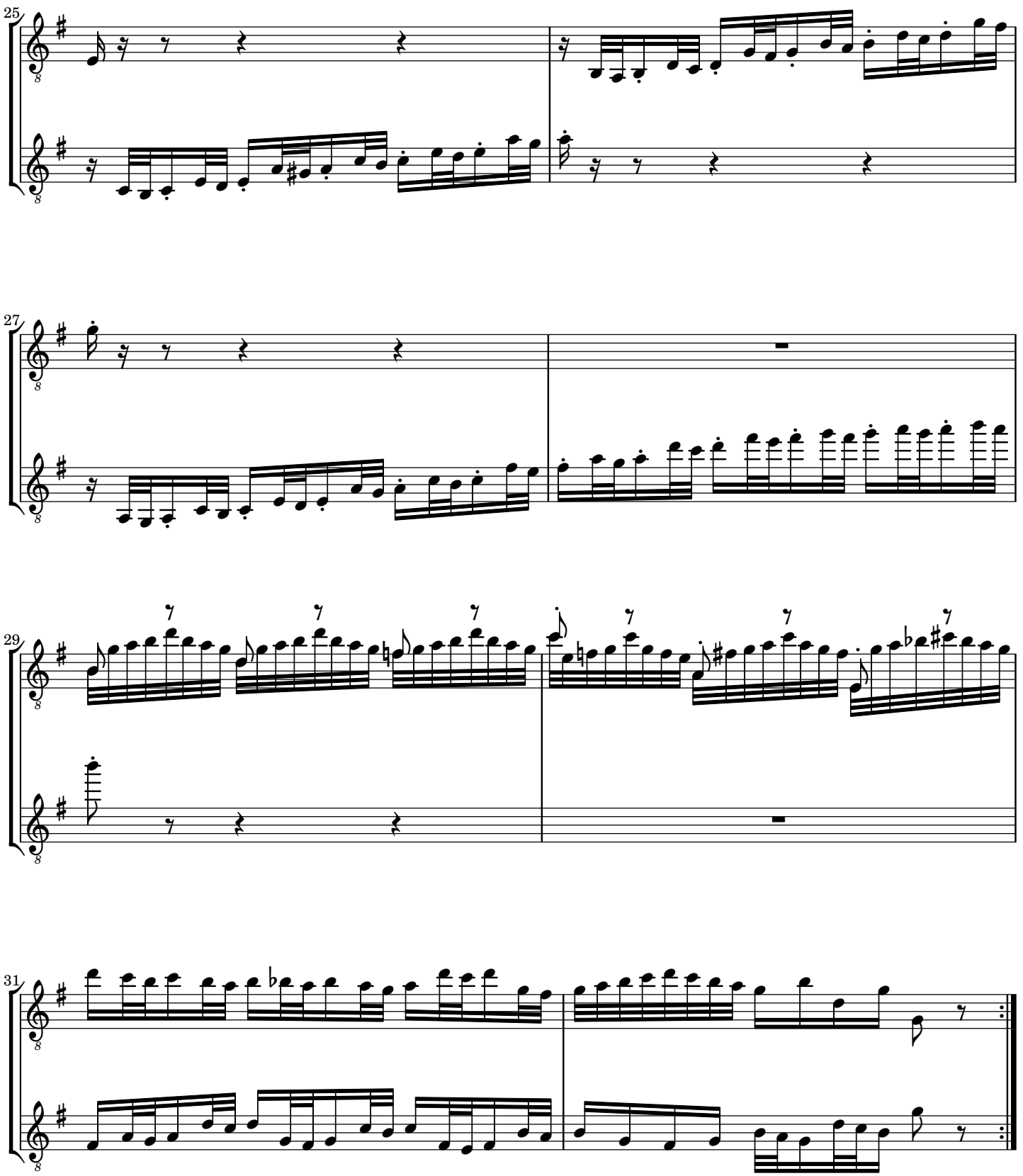
Variation 14



Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

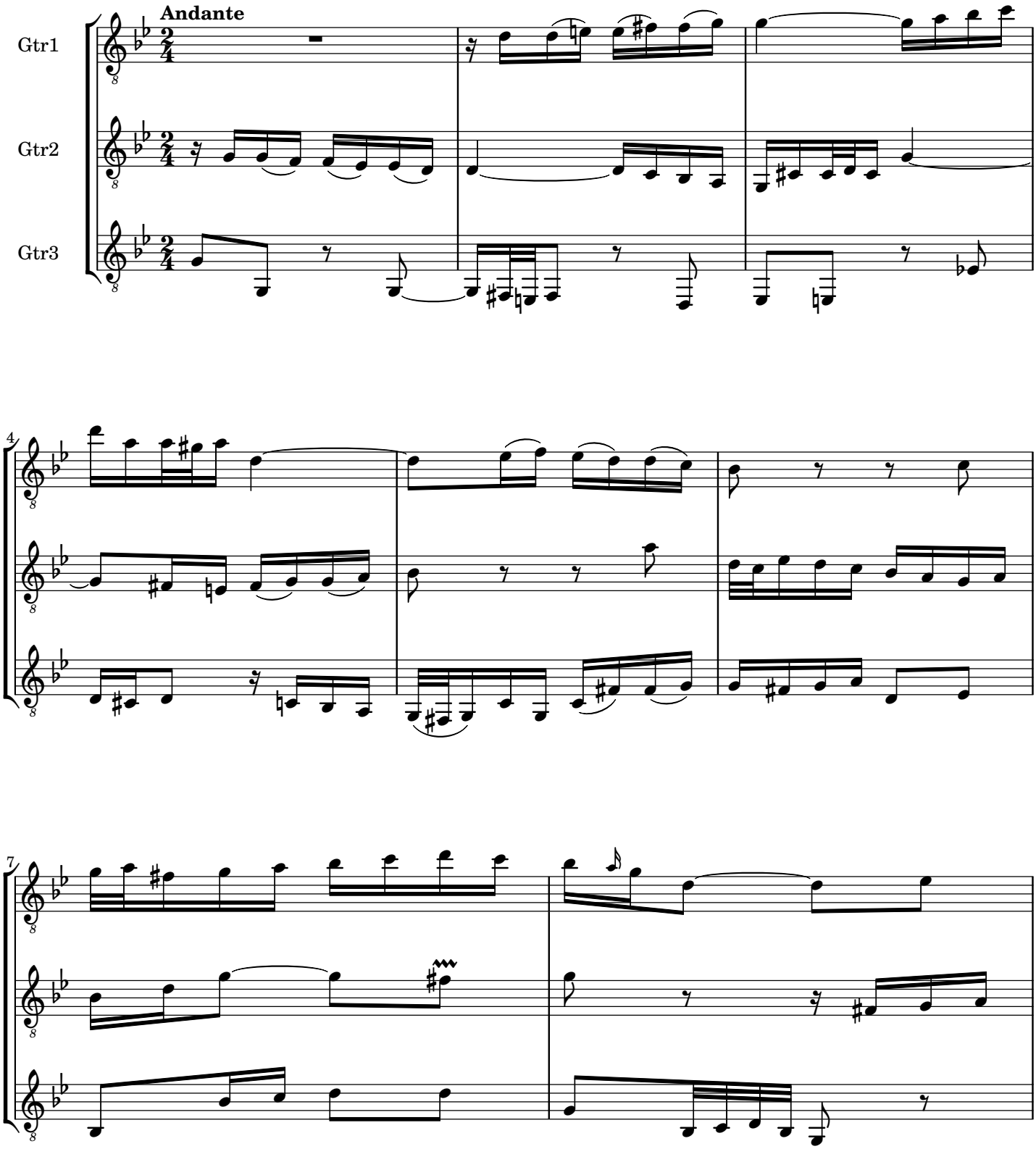



17
19
21
23

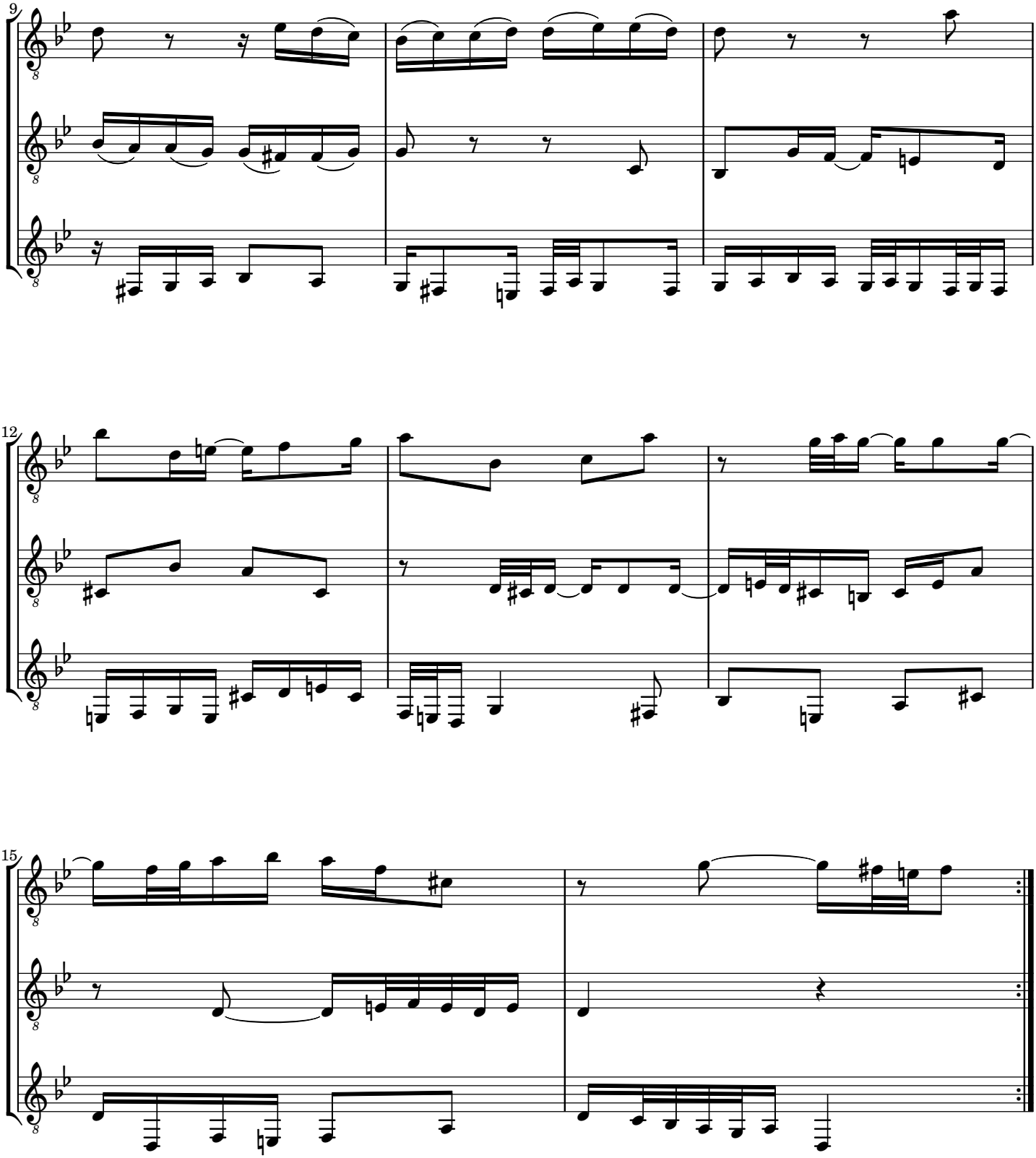

25
27
29
31

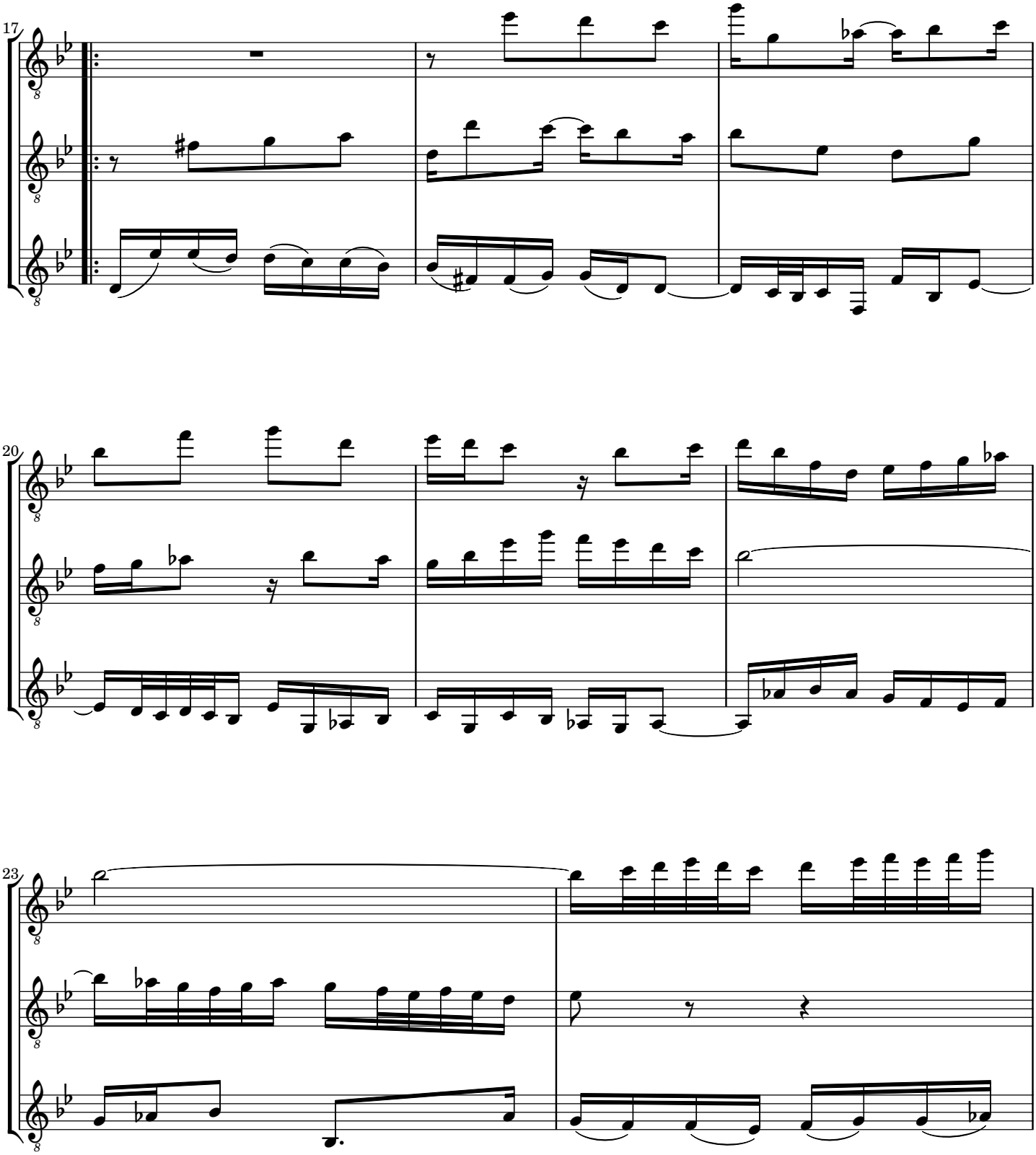
Variation 15

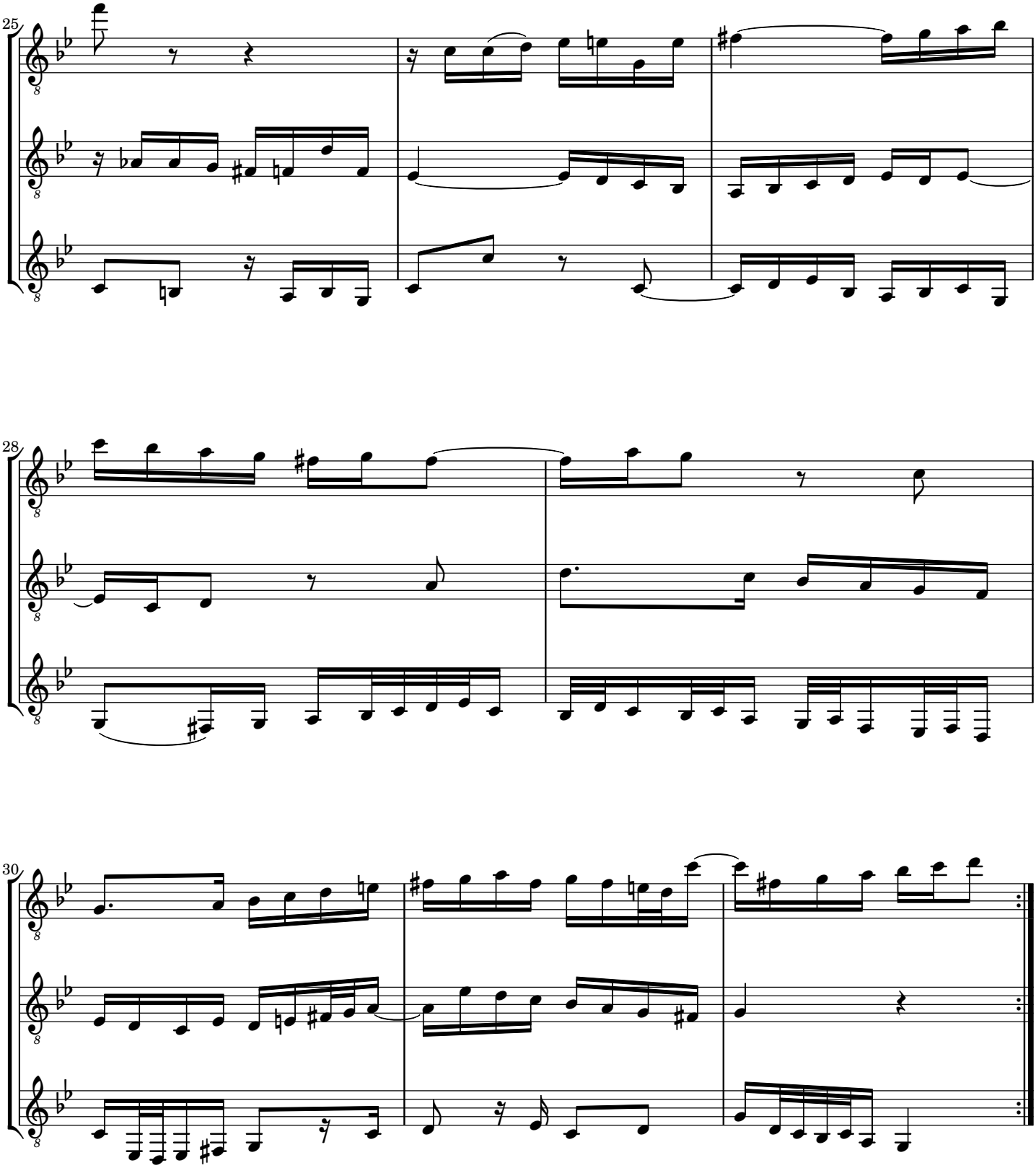
Canon at the Fifth



Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

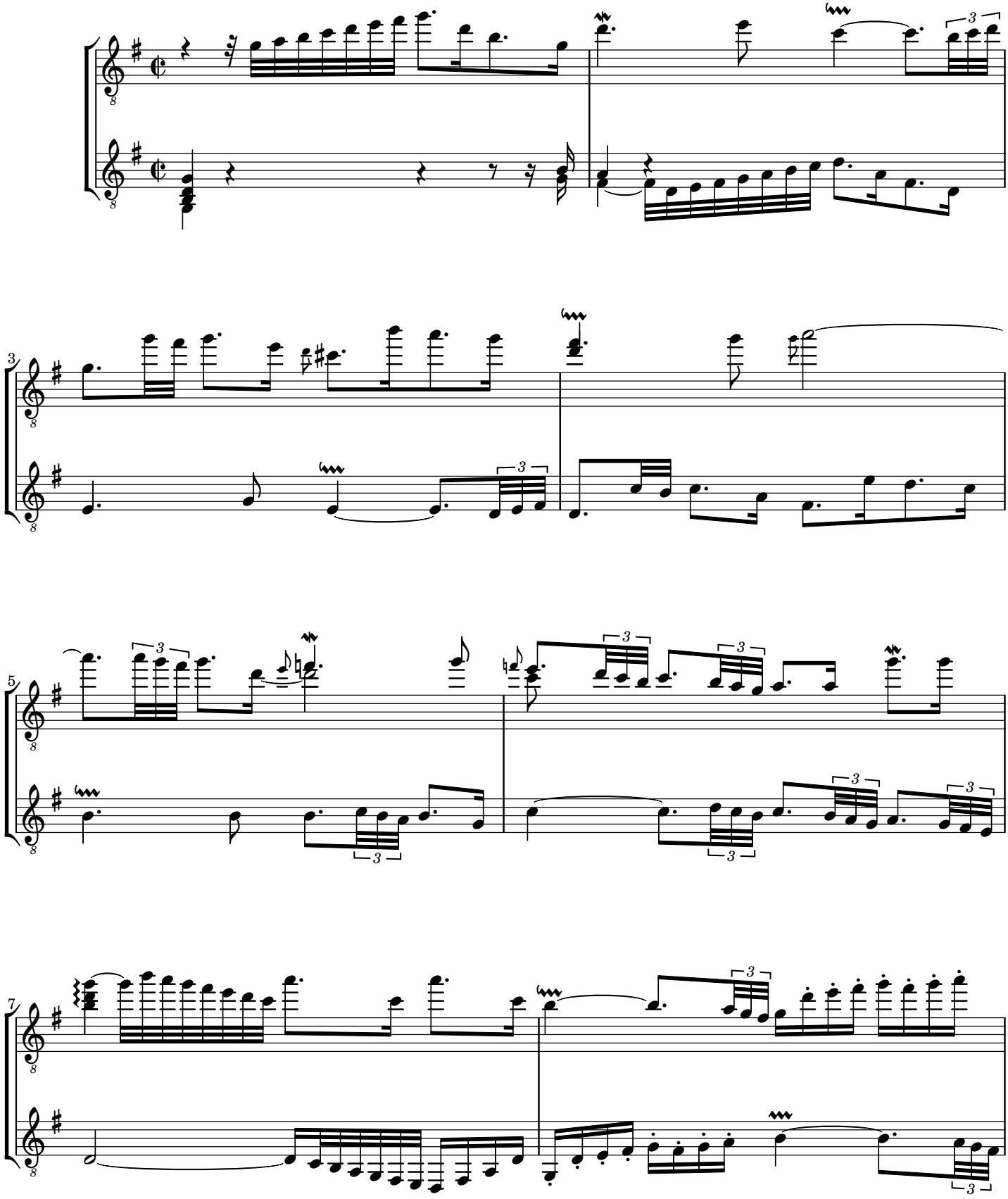

9
12
15


17
20
23

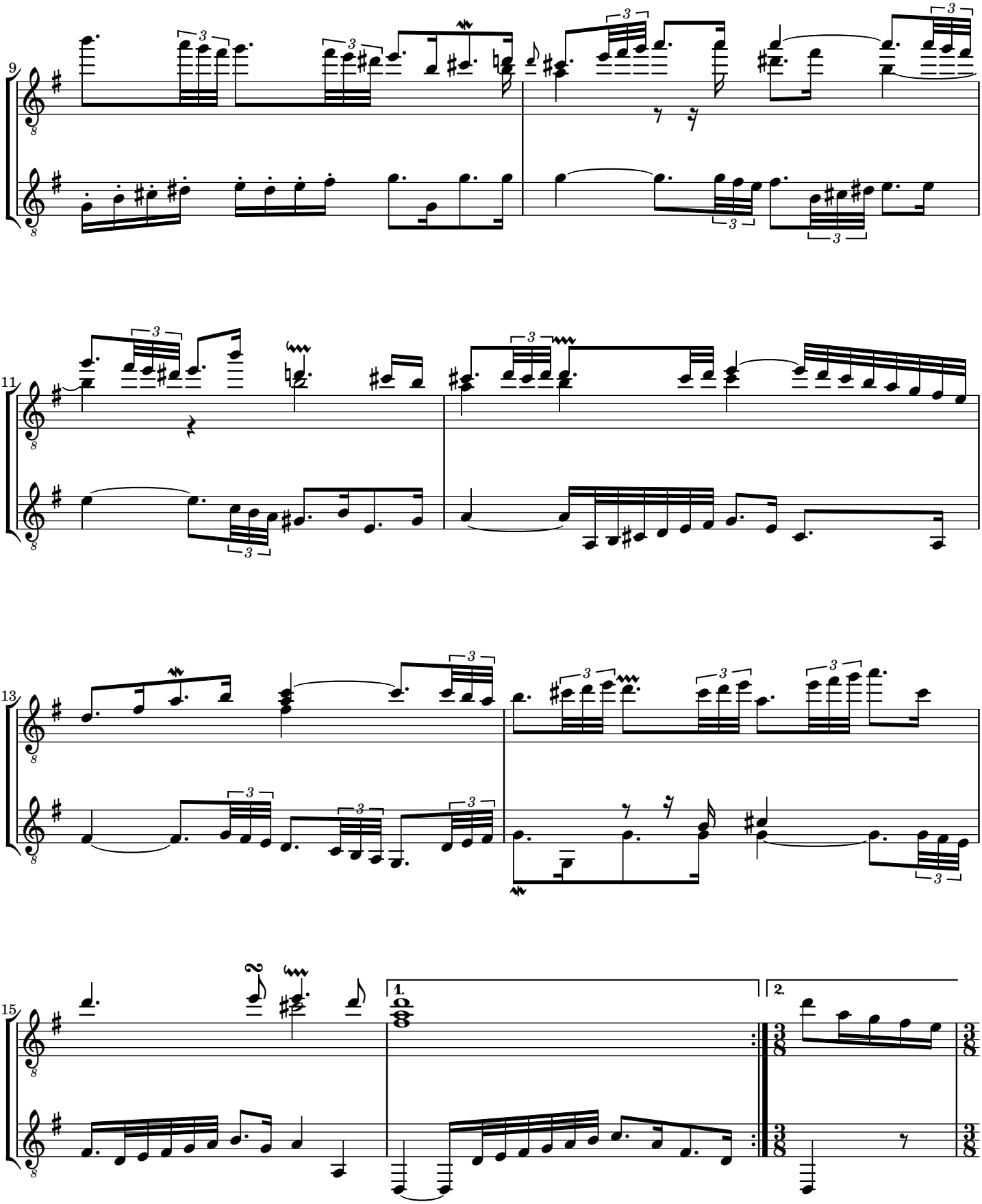

25
28
30

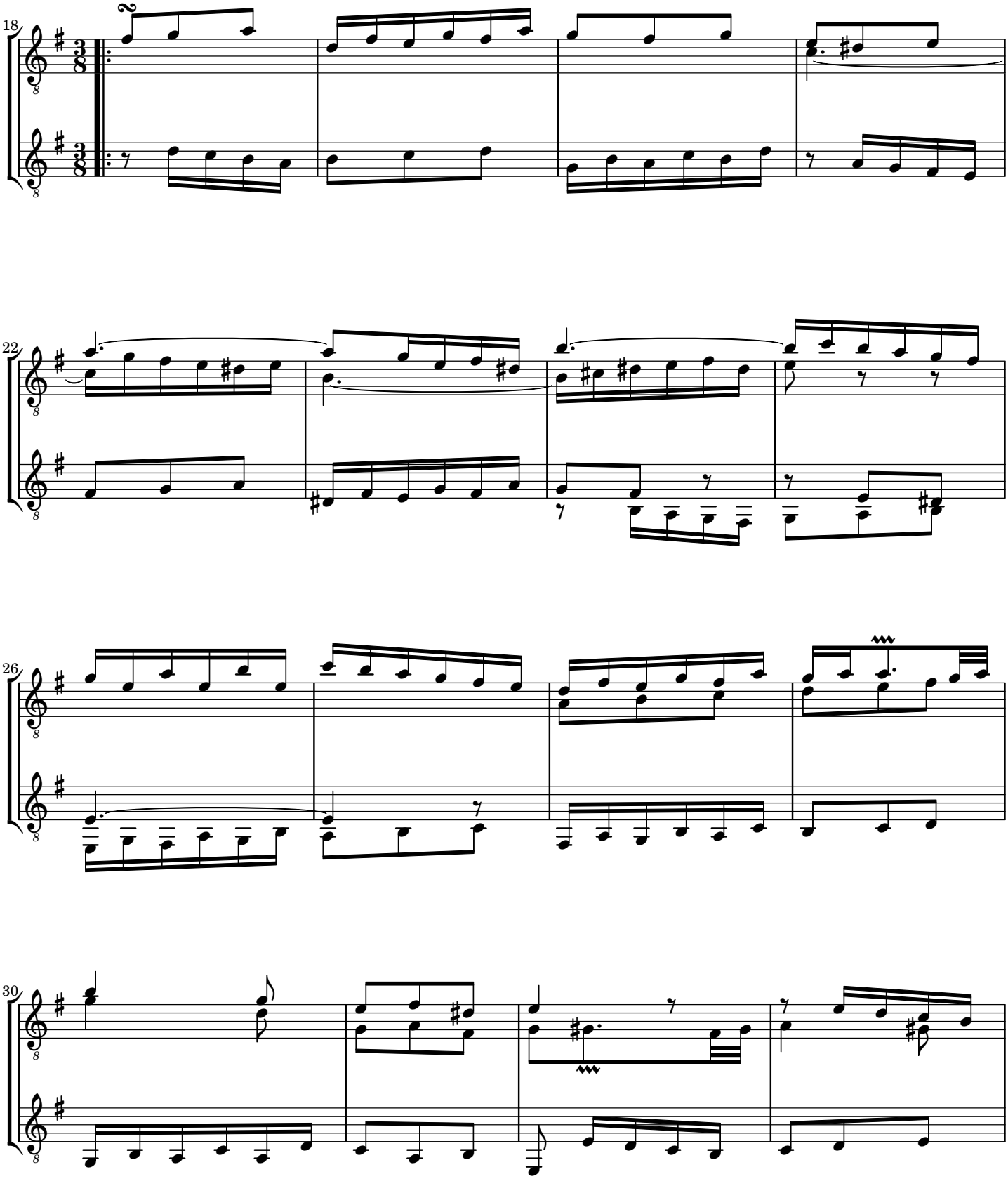
Variation 16

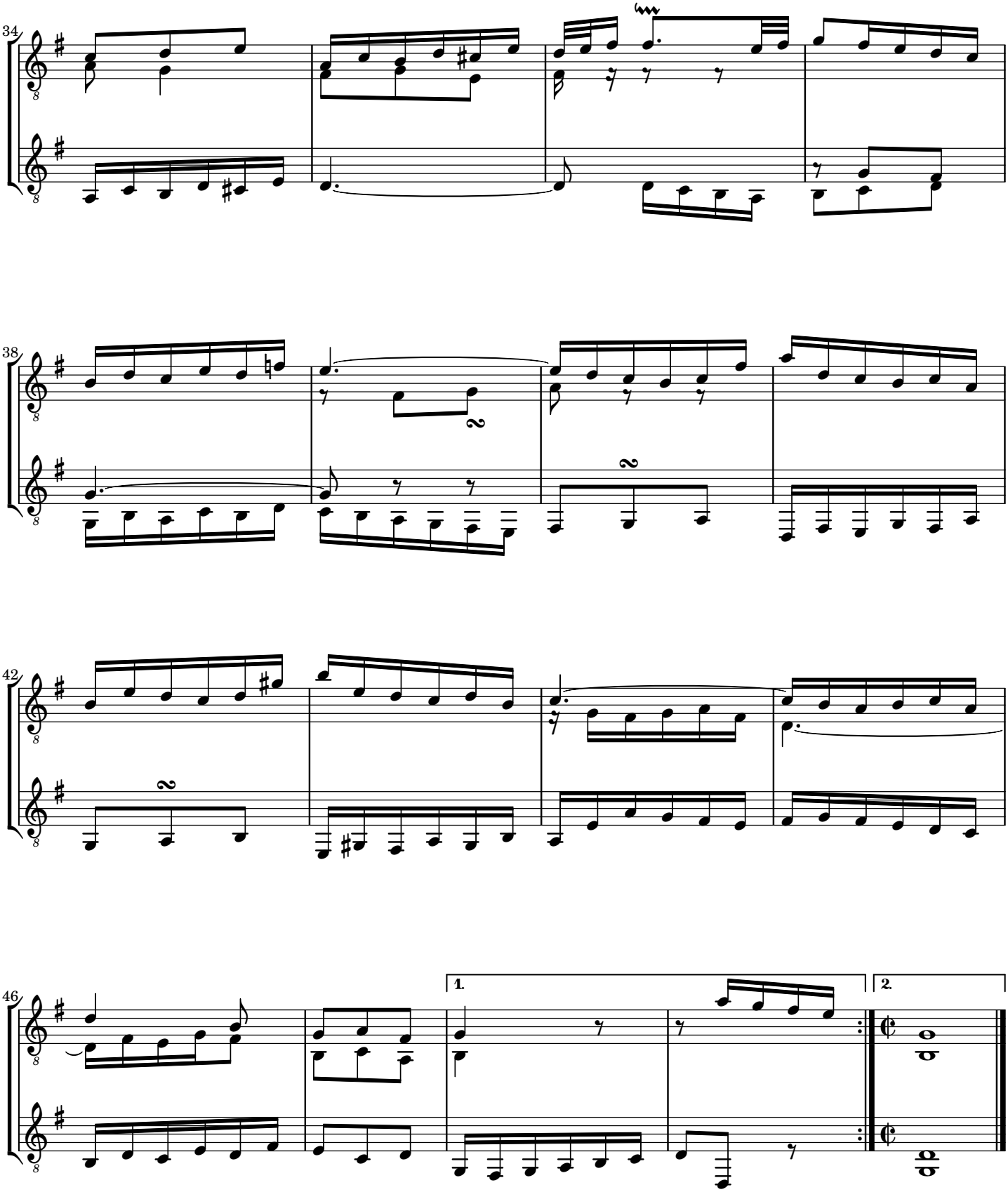
Overture



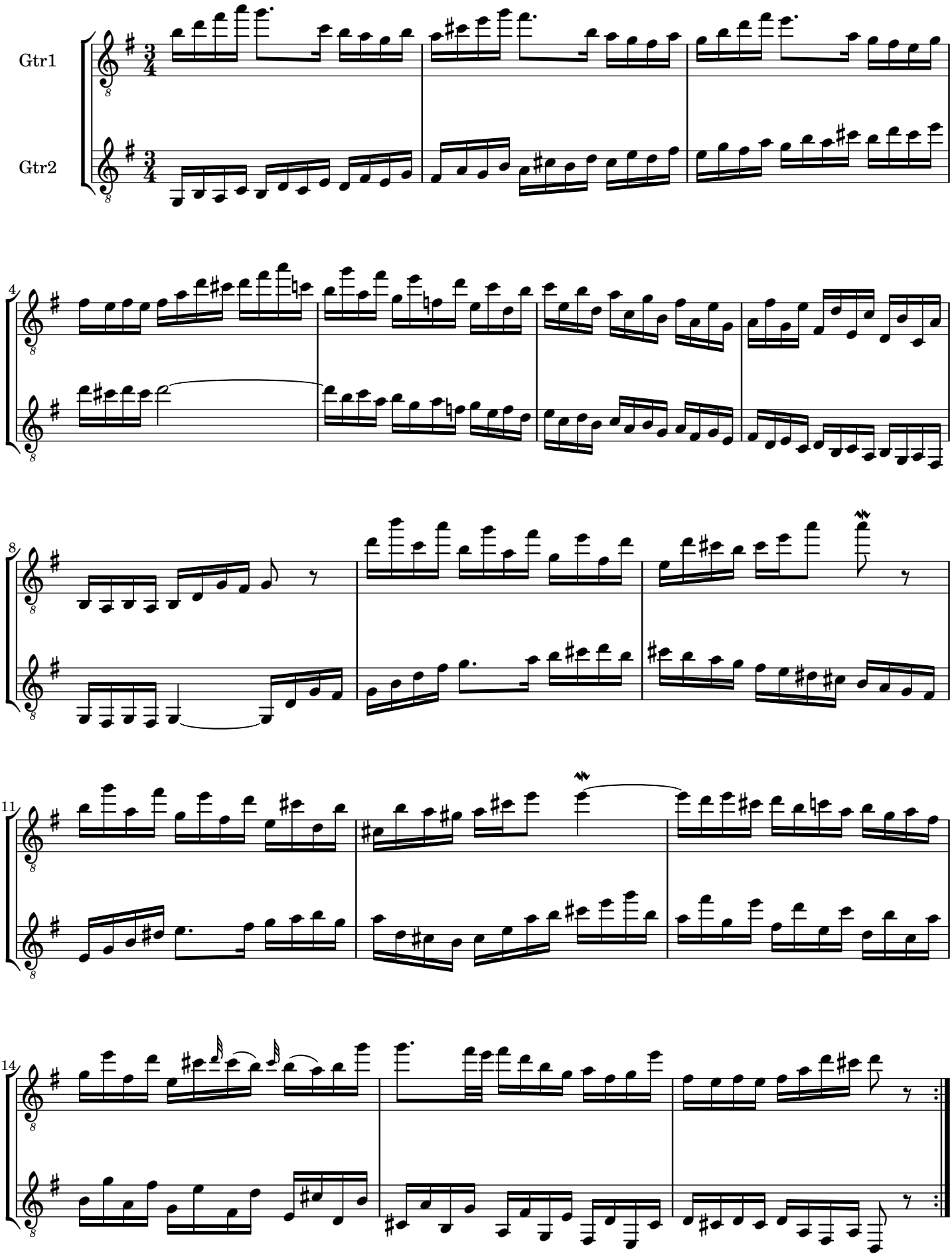
Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform


9
11
13
15
1.
2.

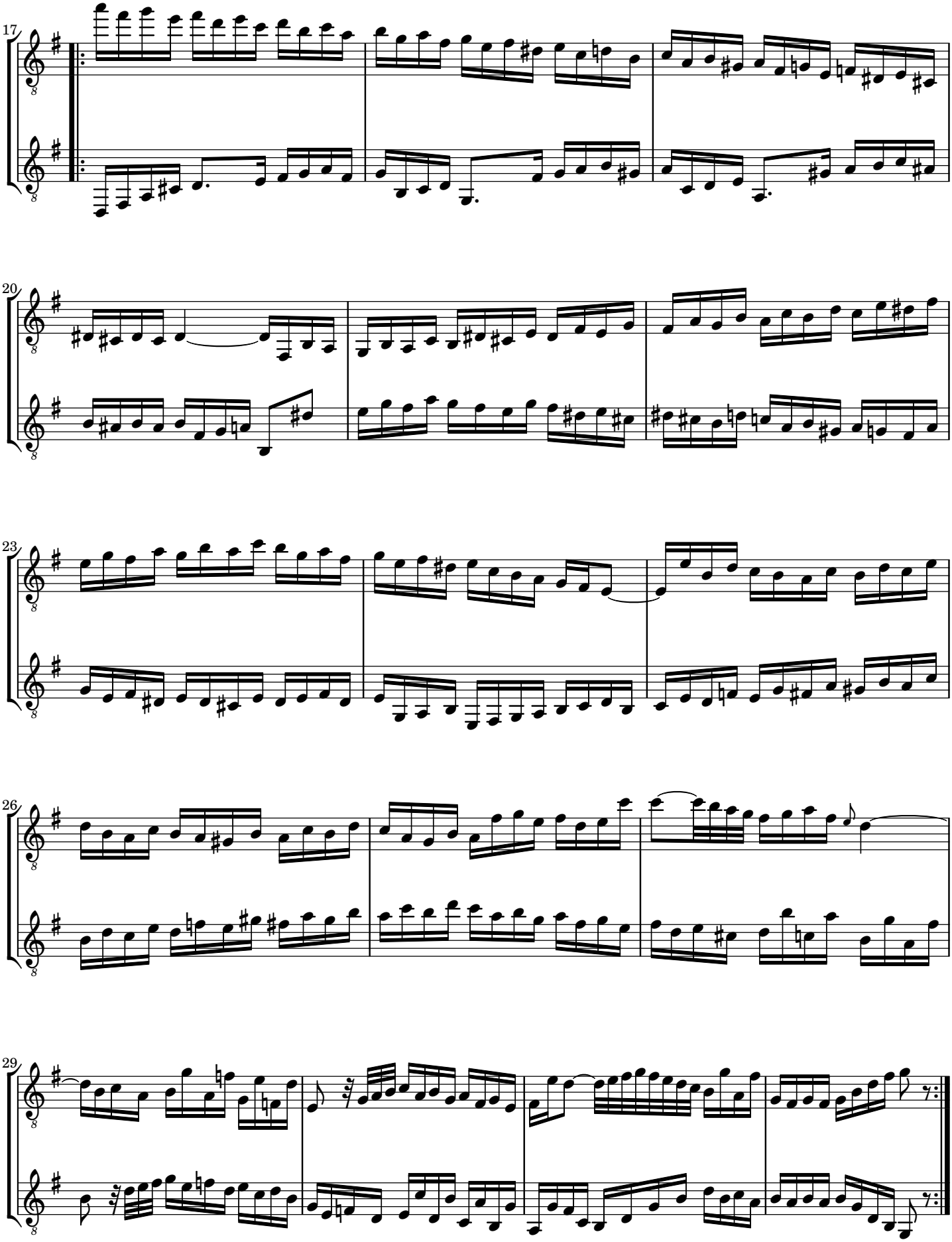

18
22
26
30


34
38
42
46
1.
2.

Variation 17

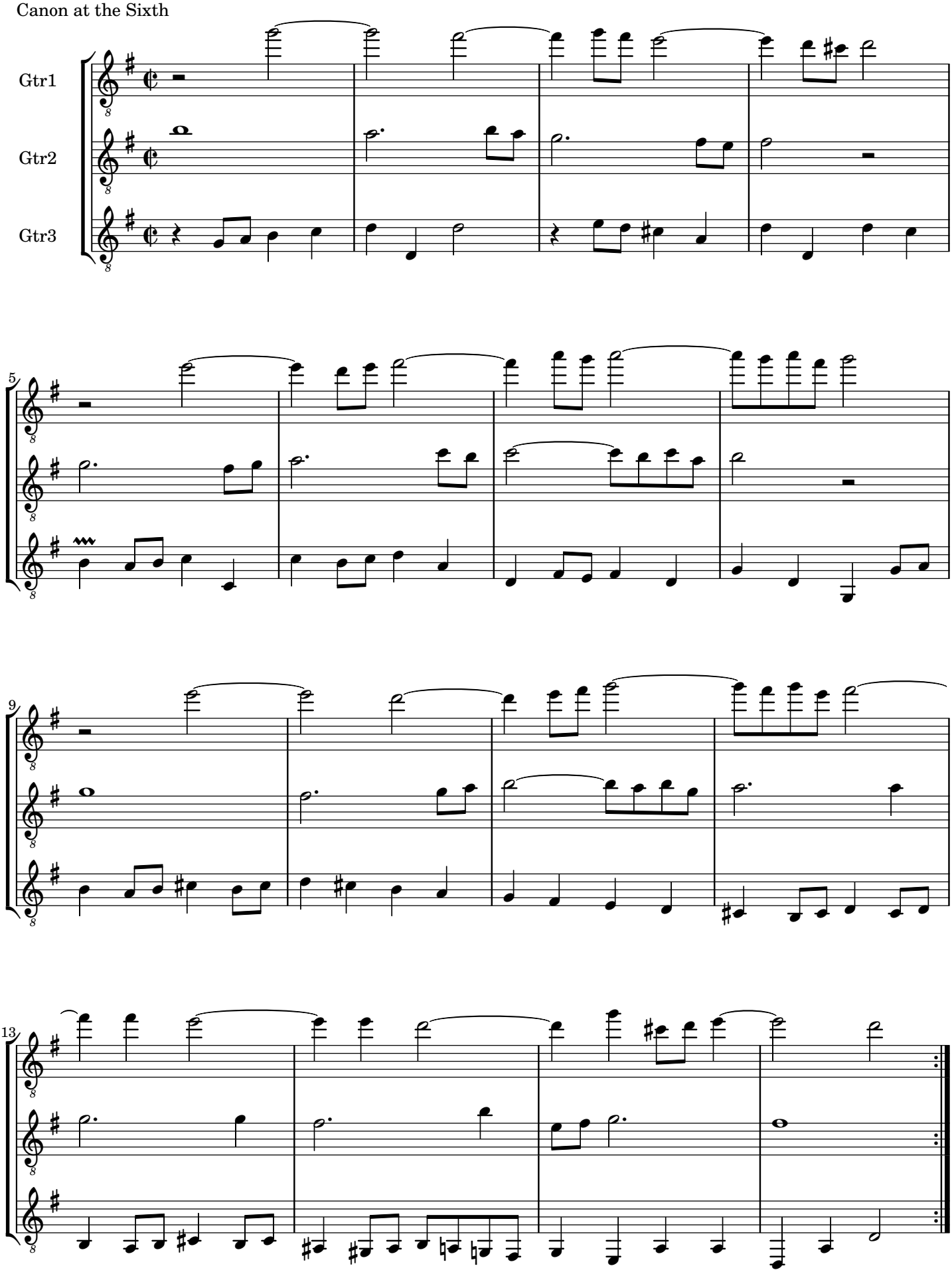


Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

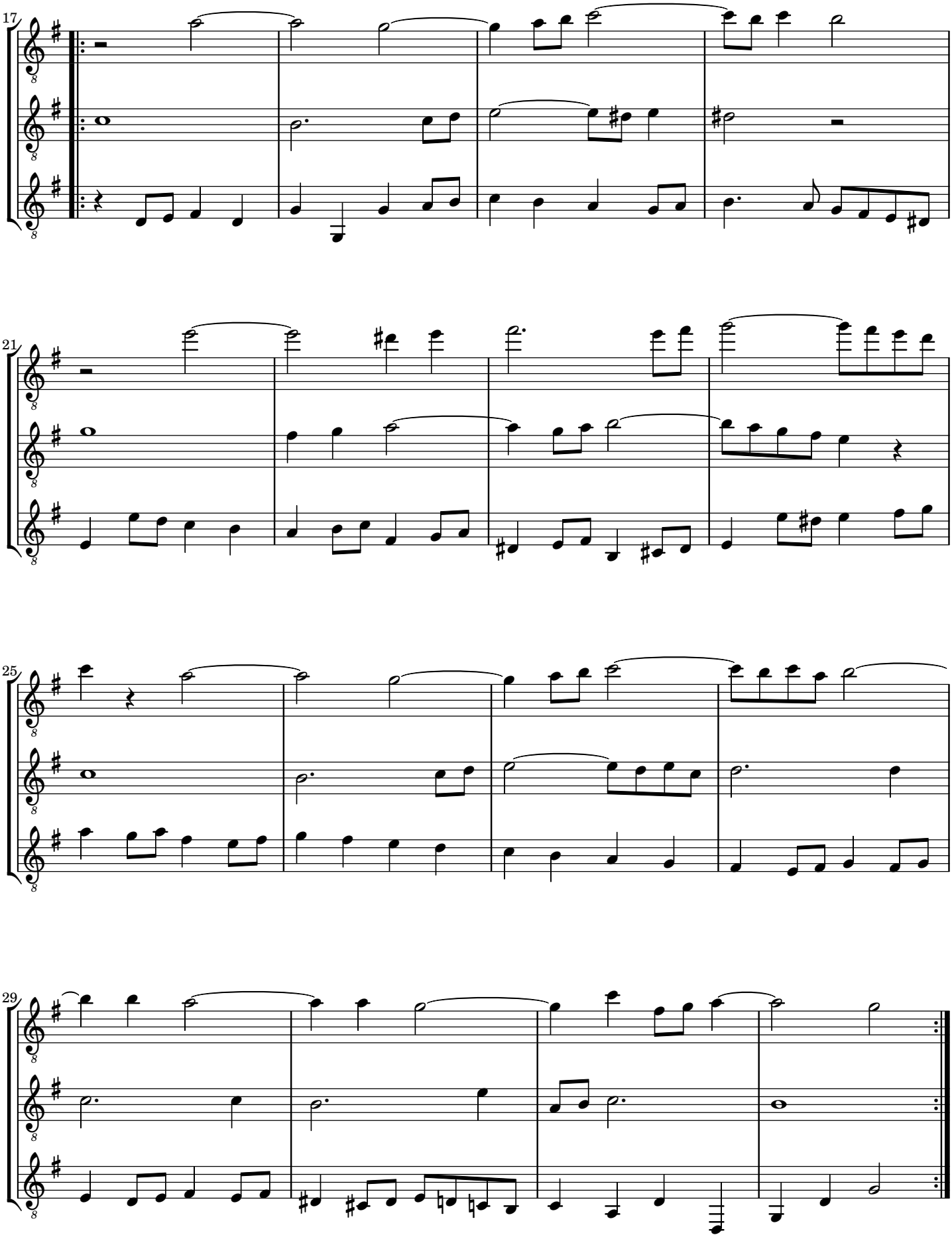

17
20
23
26
29

Variation 18

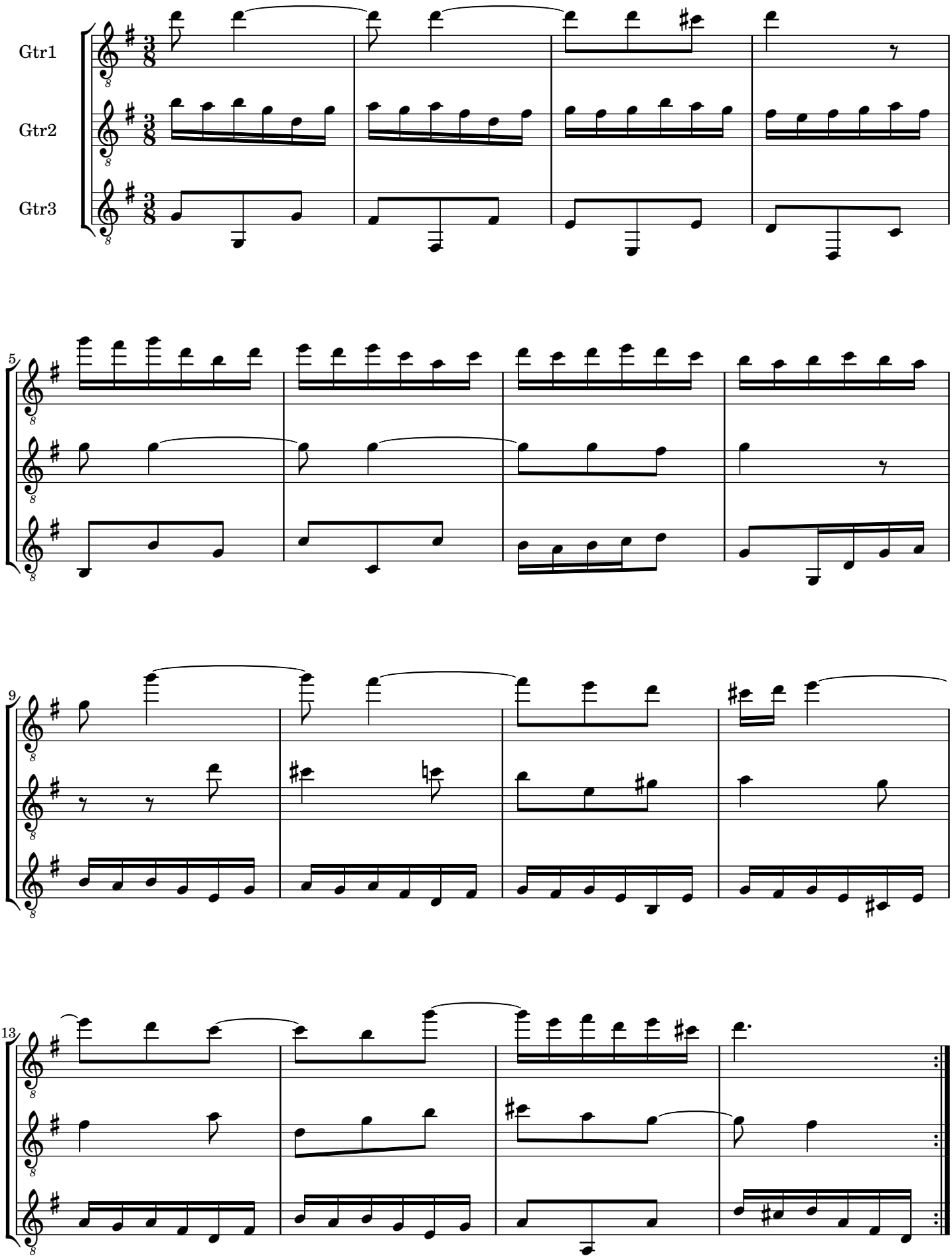
Canon at the Sixth



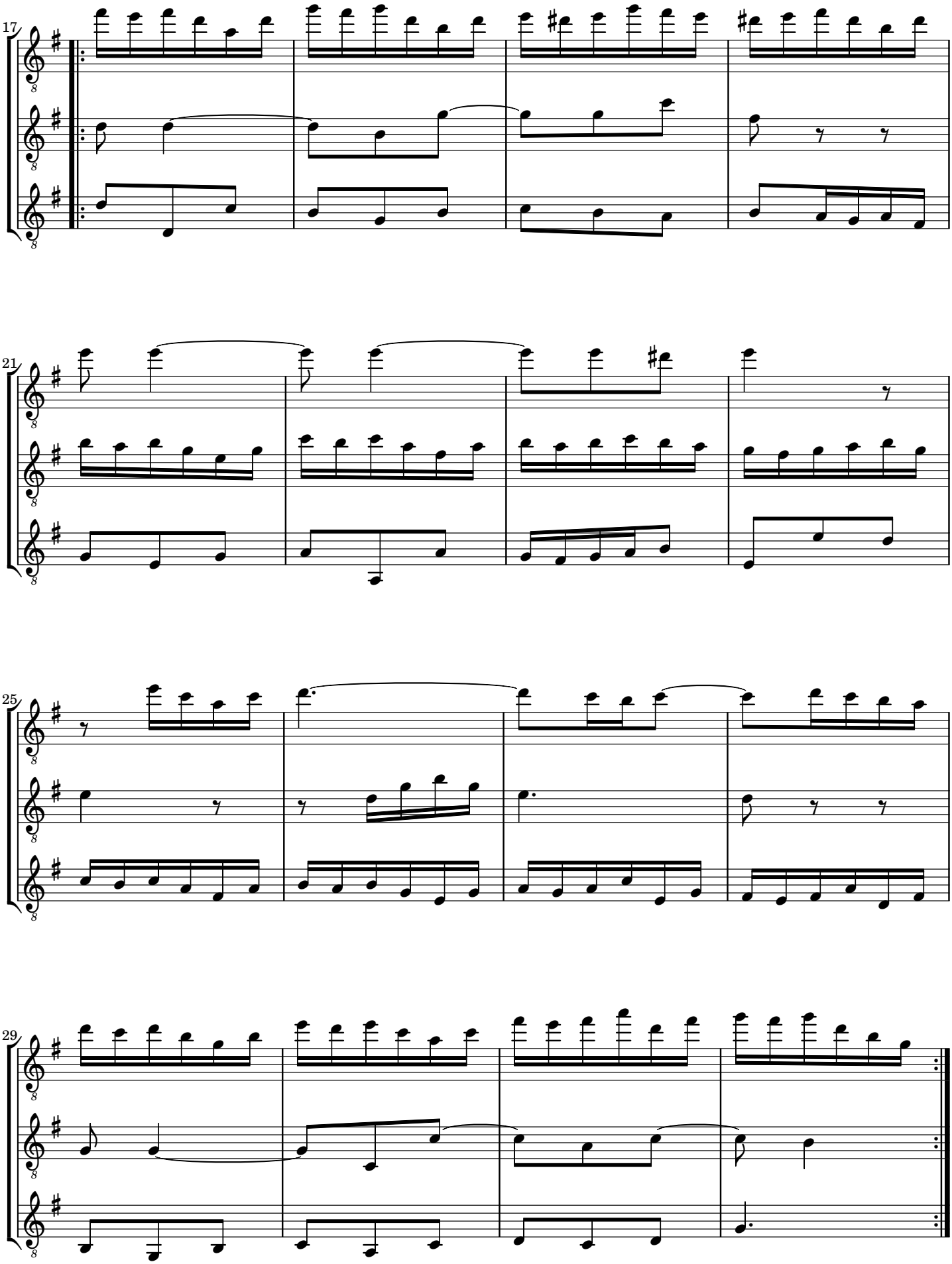
Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Benjamin Esham — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform


17
21
25
29

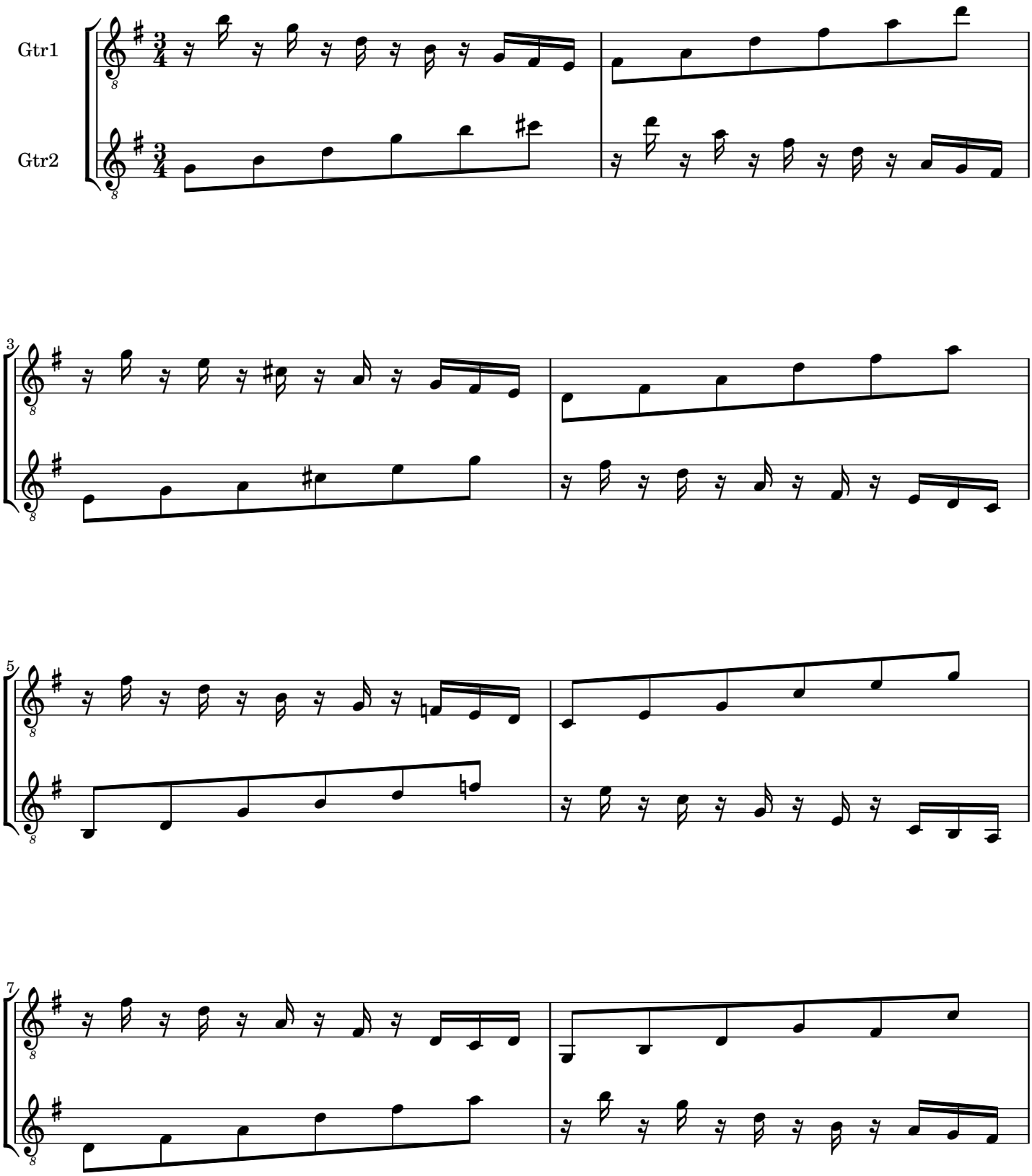
Variation 19



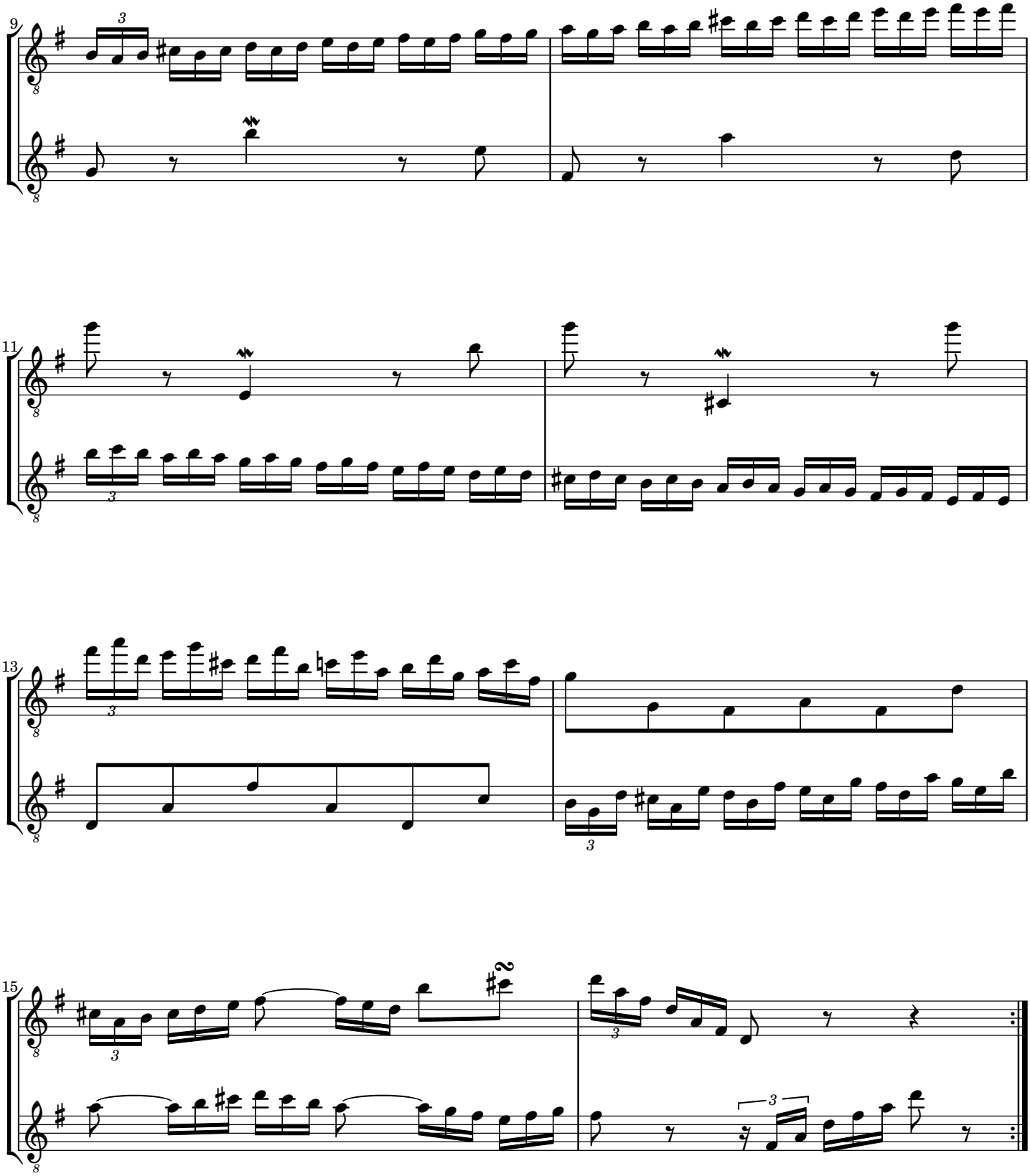
Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

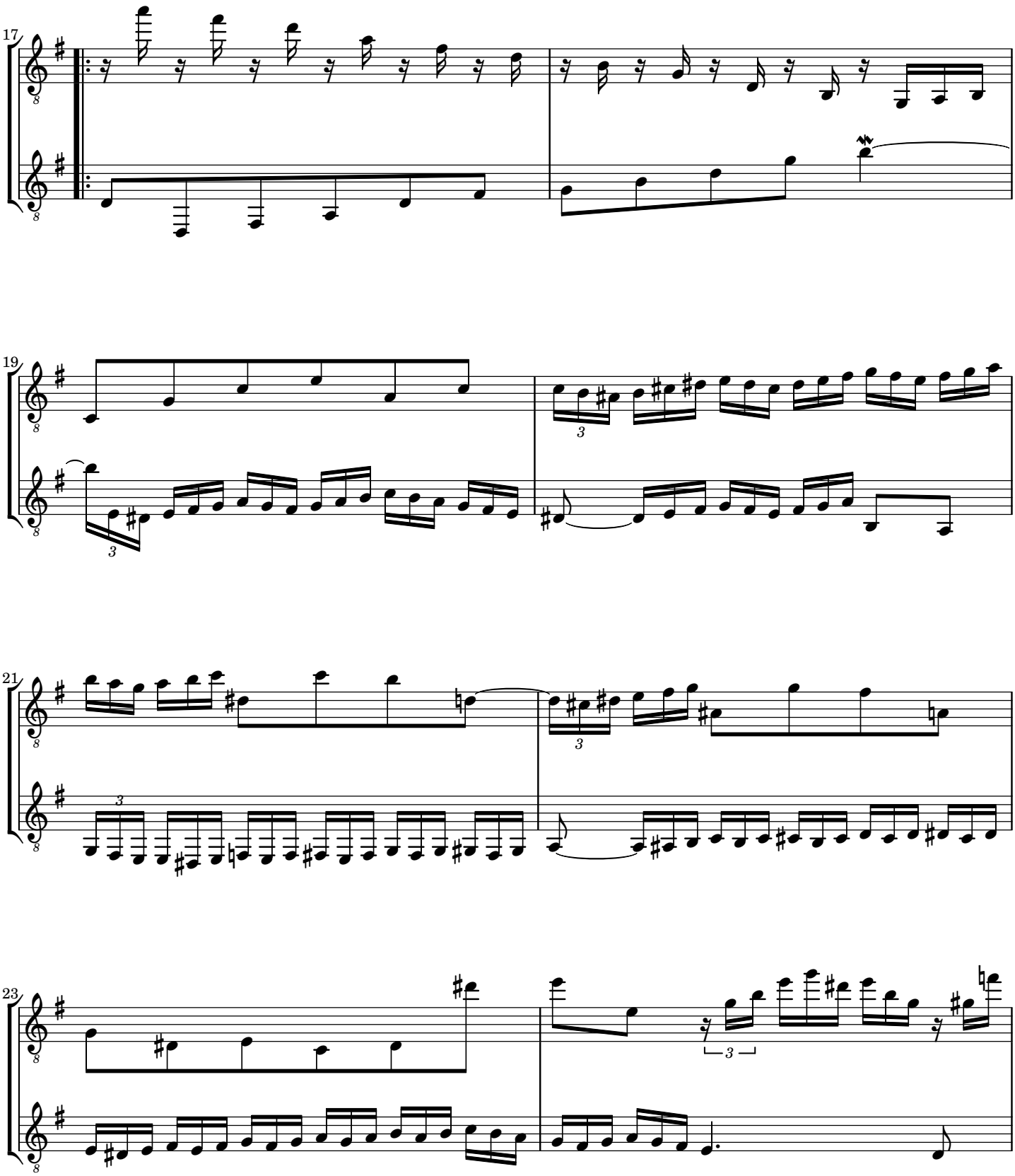

17
21
25
29

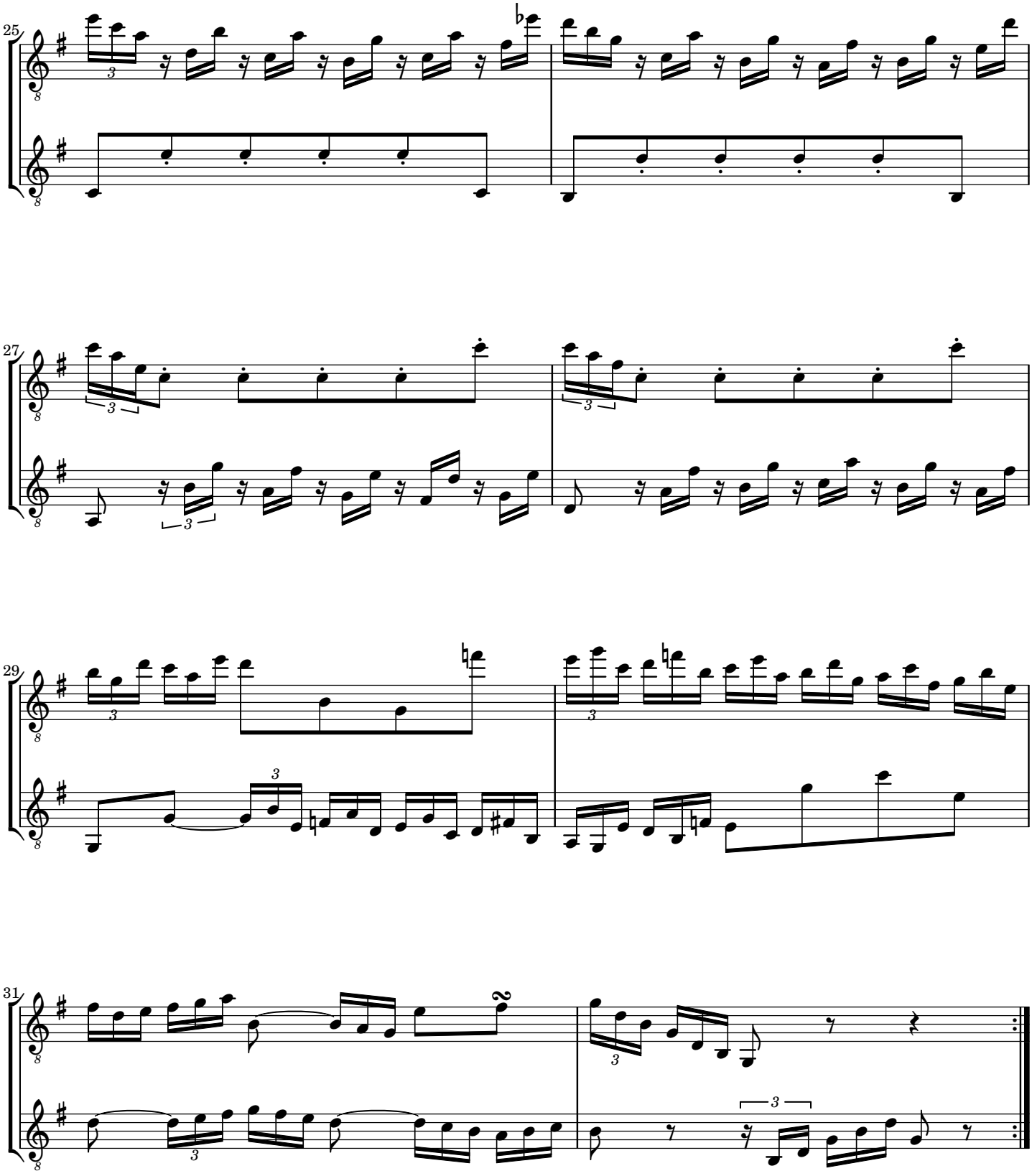
Variation 20



Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

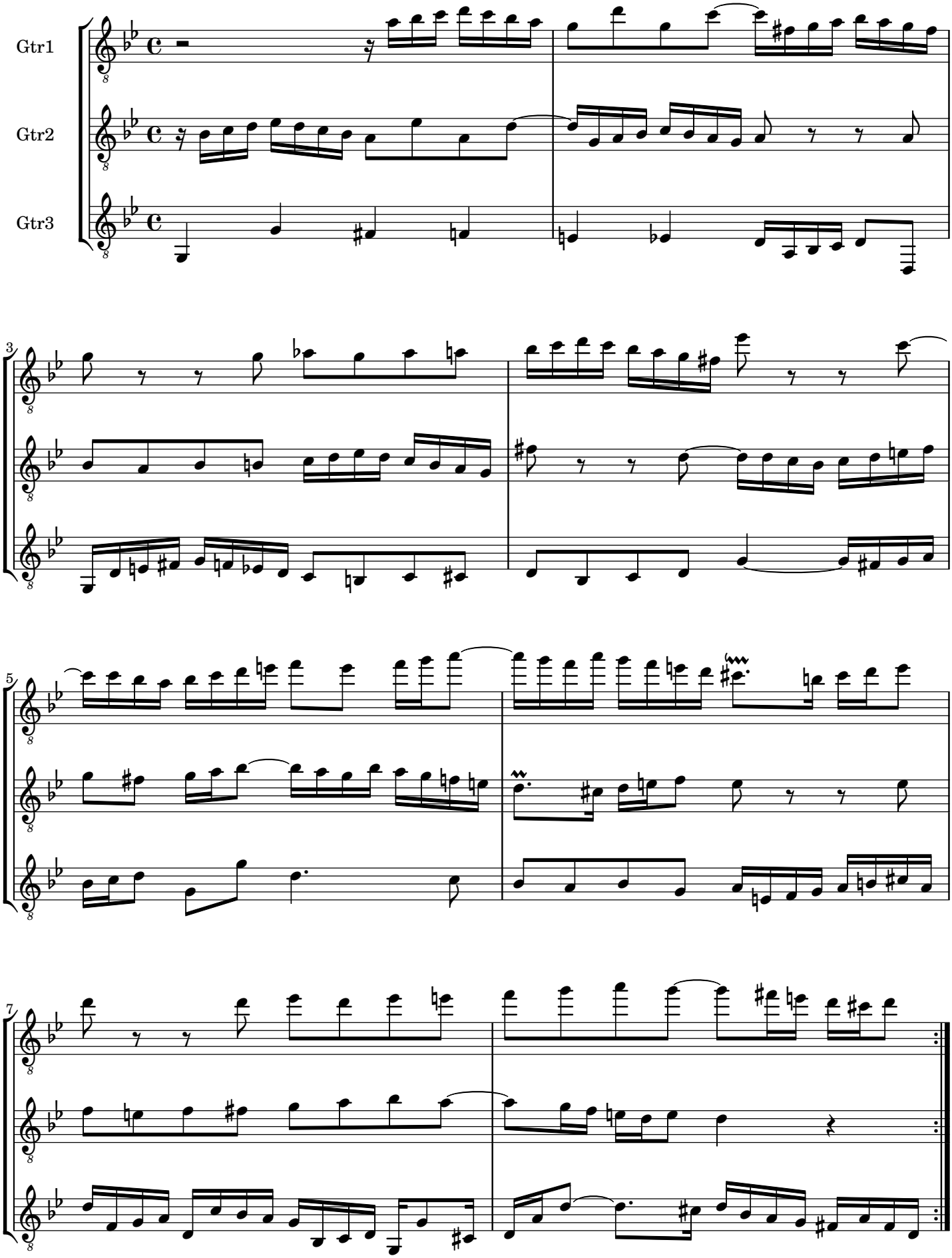

9
11
13
15


17
19
21
23

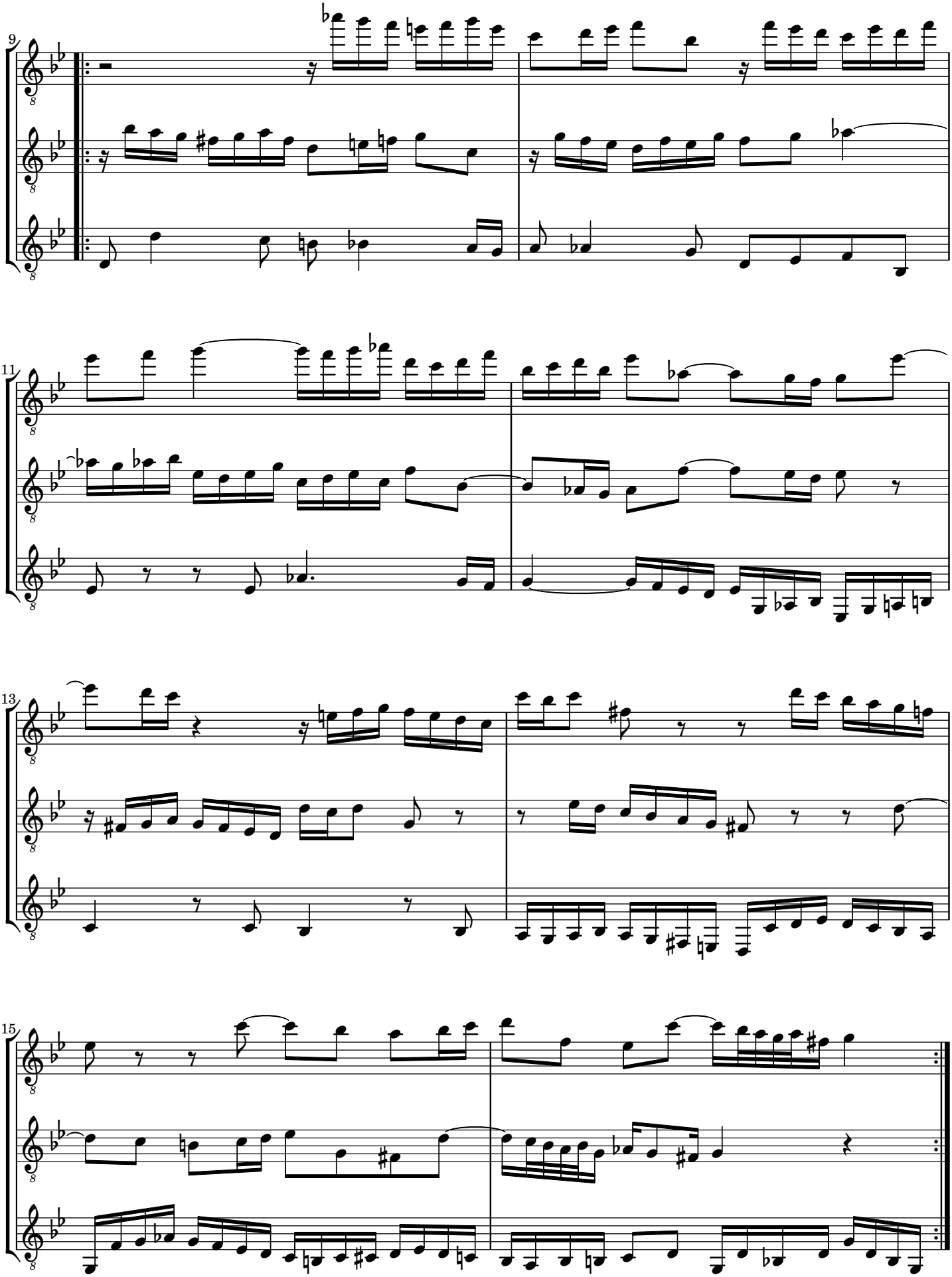


Variation 21

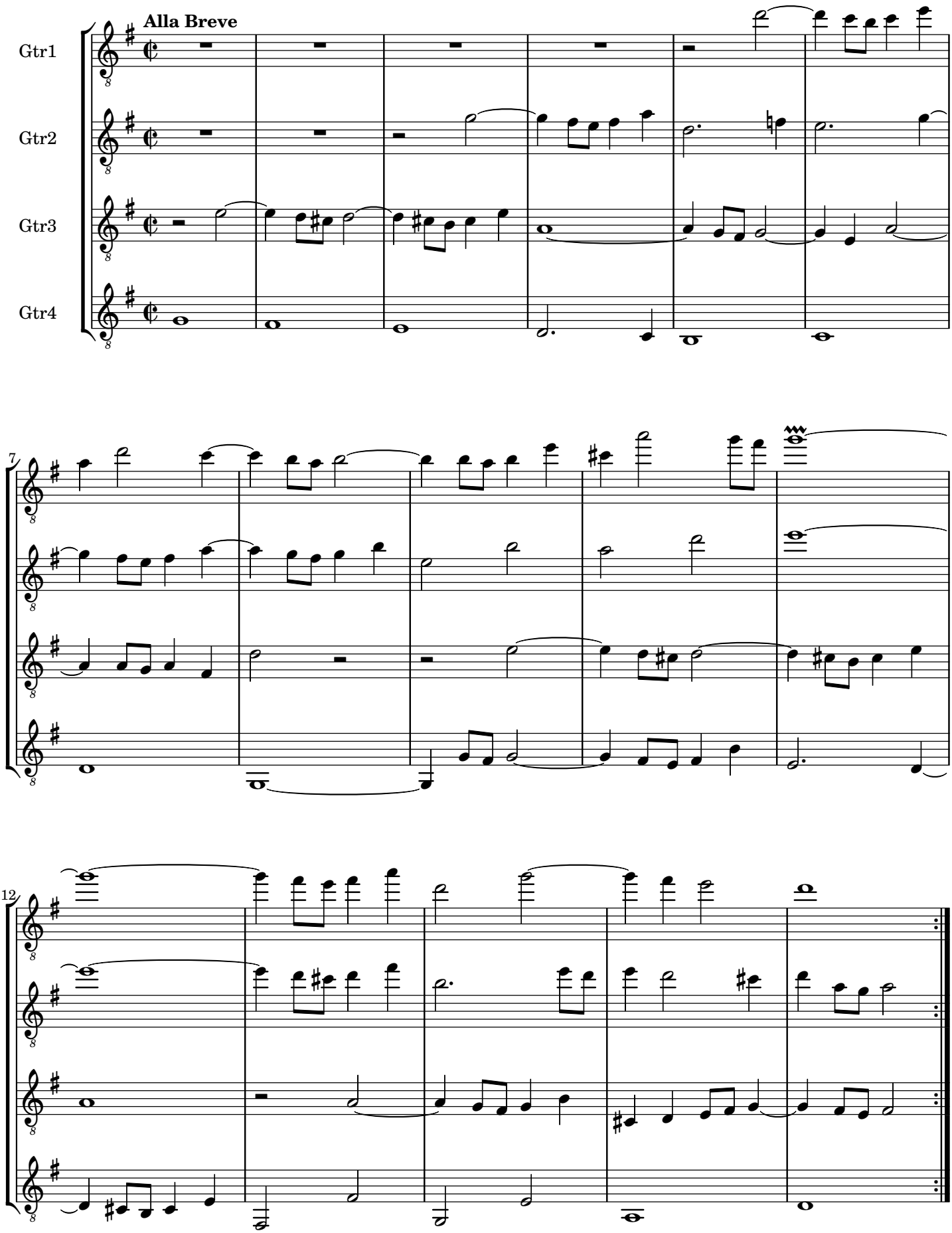
Canon at the Seventh



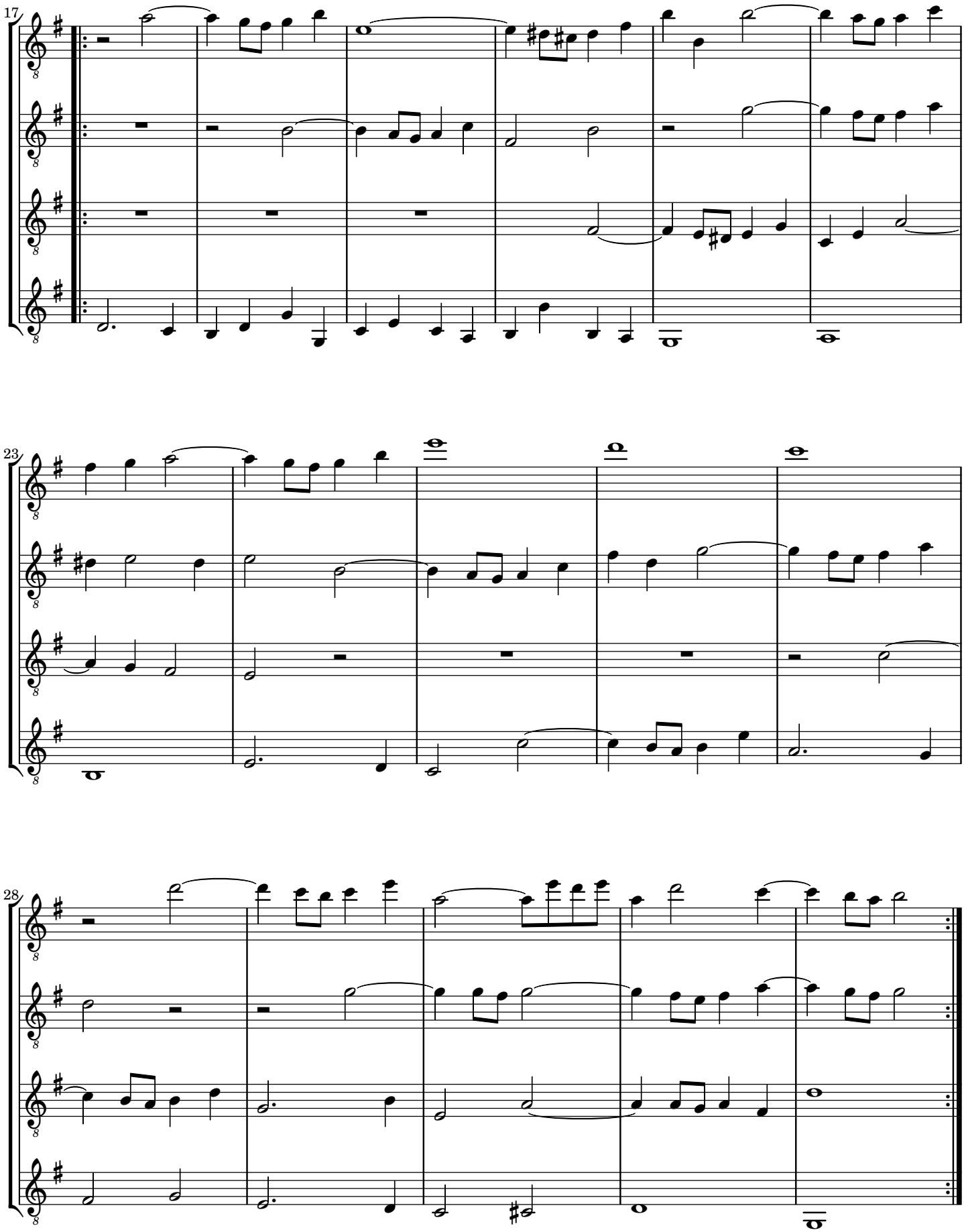
Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform



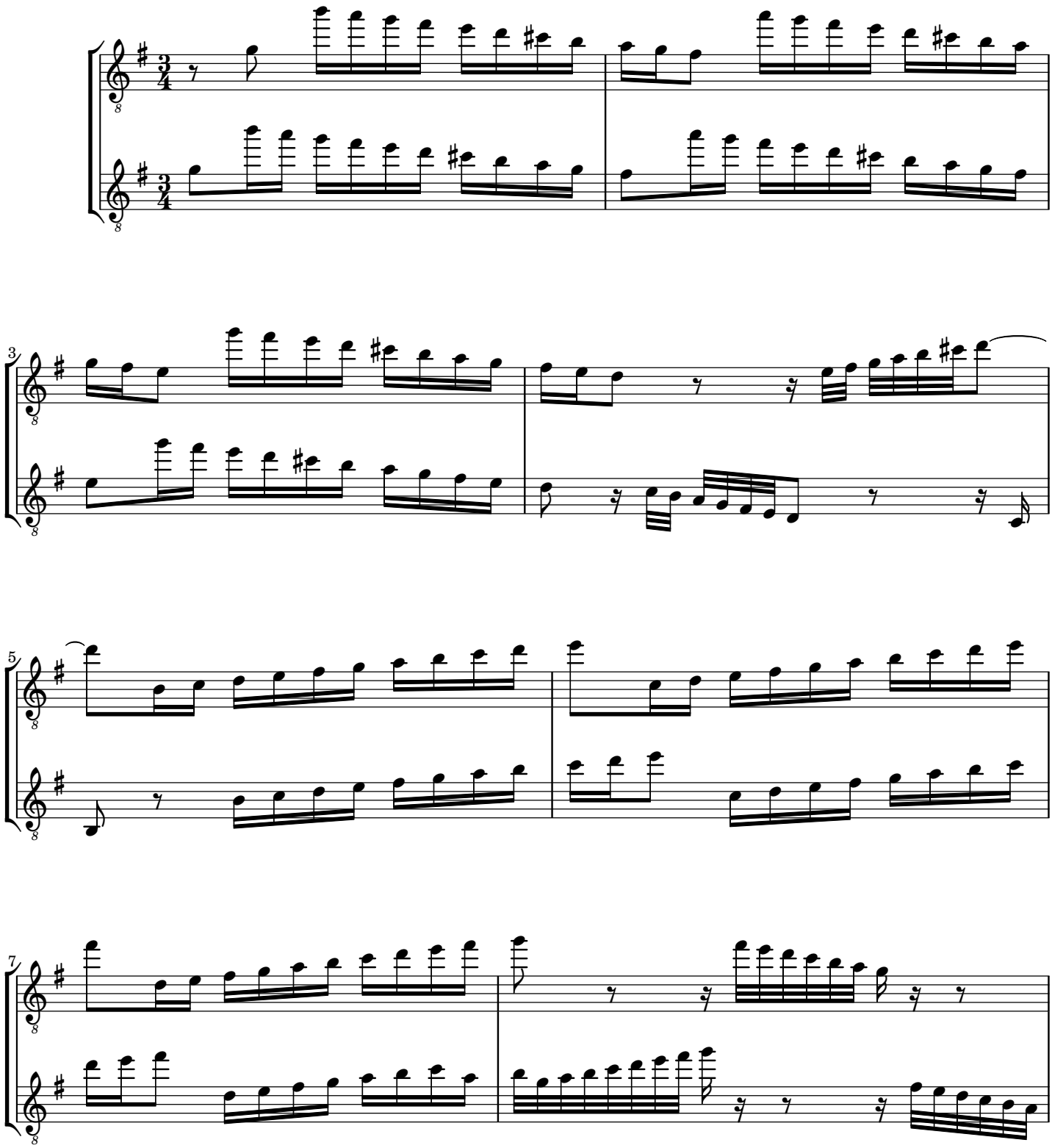
Variation 22



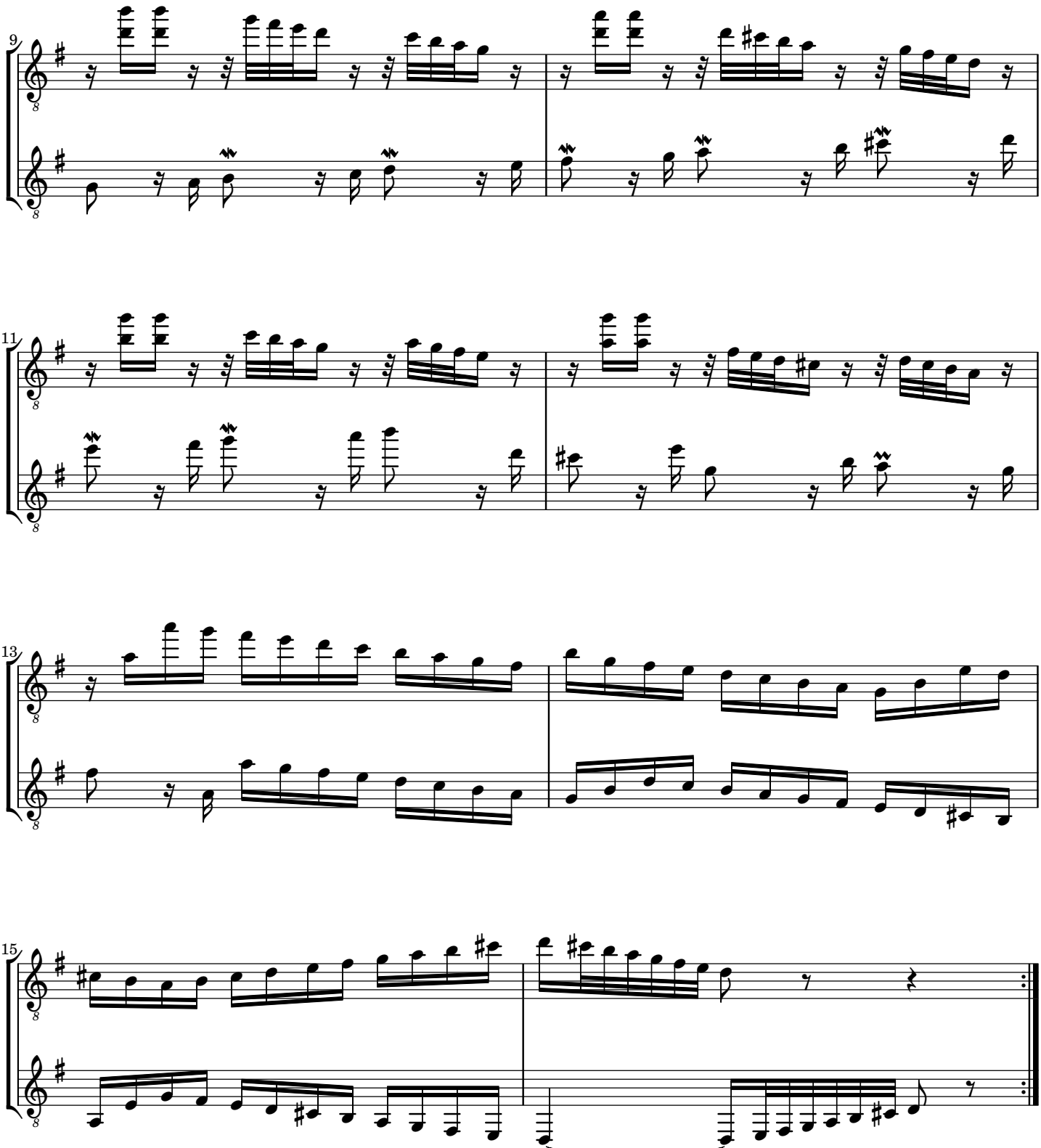
Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

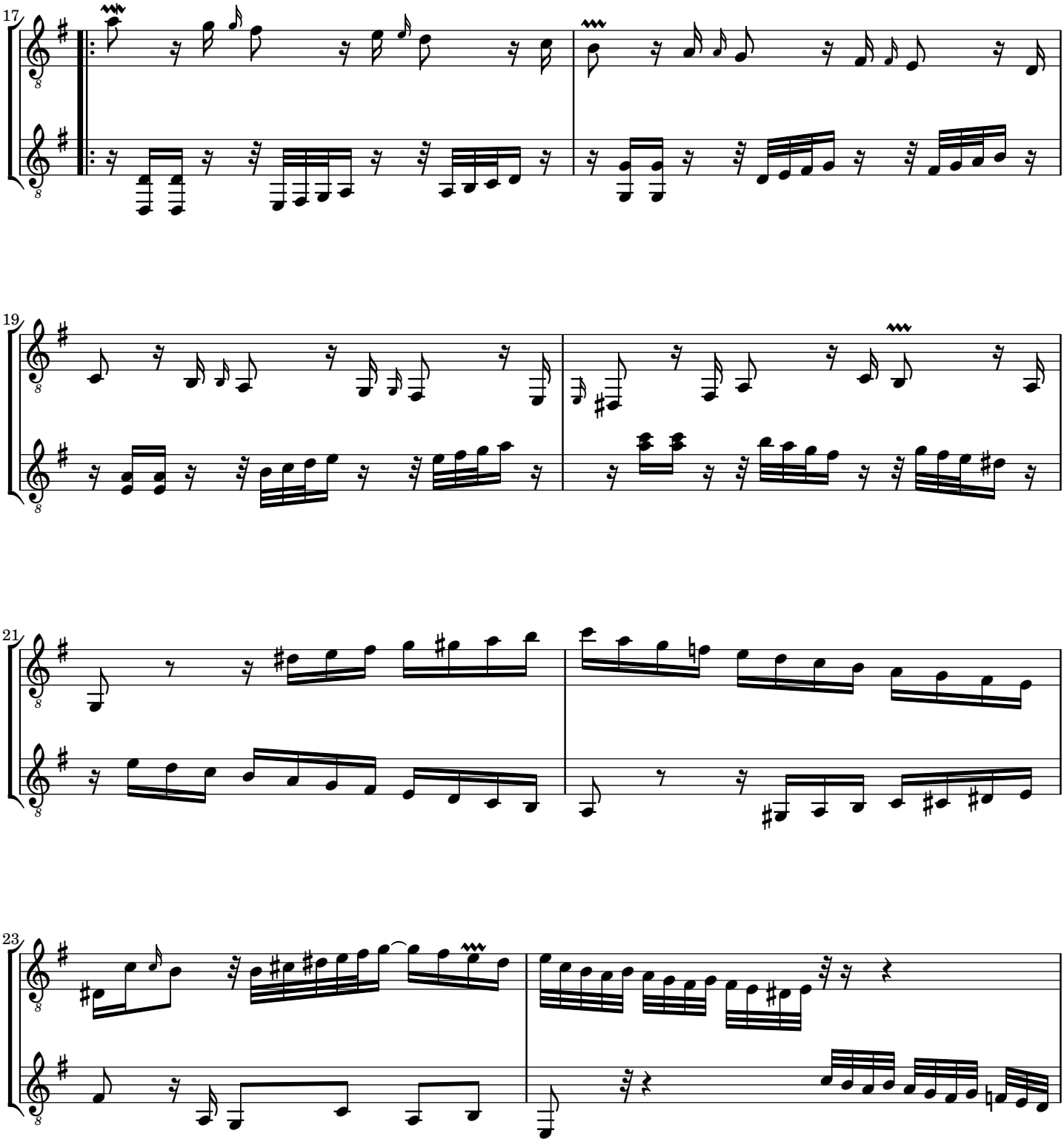

17
23
28

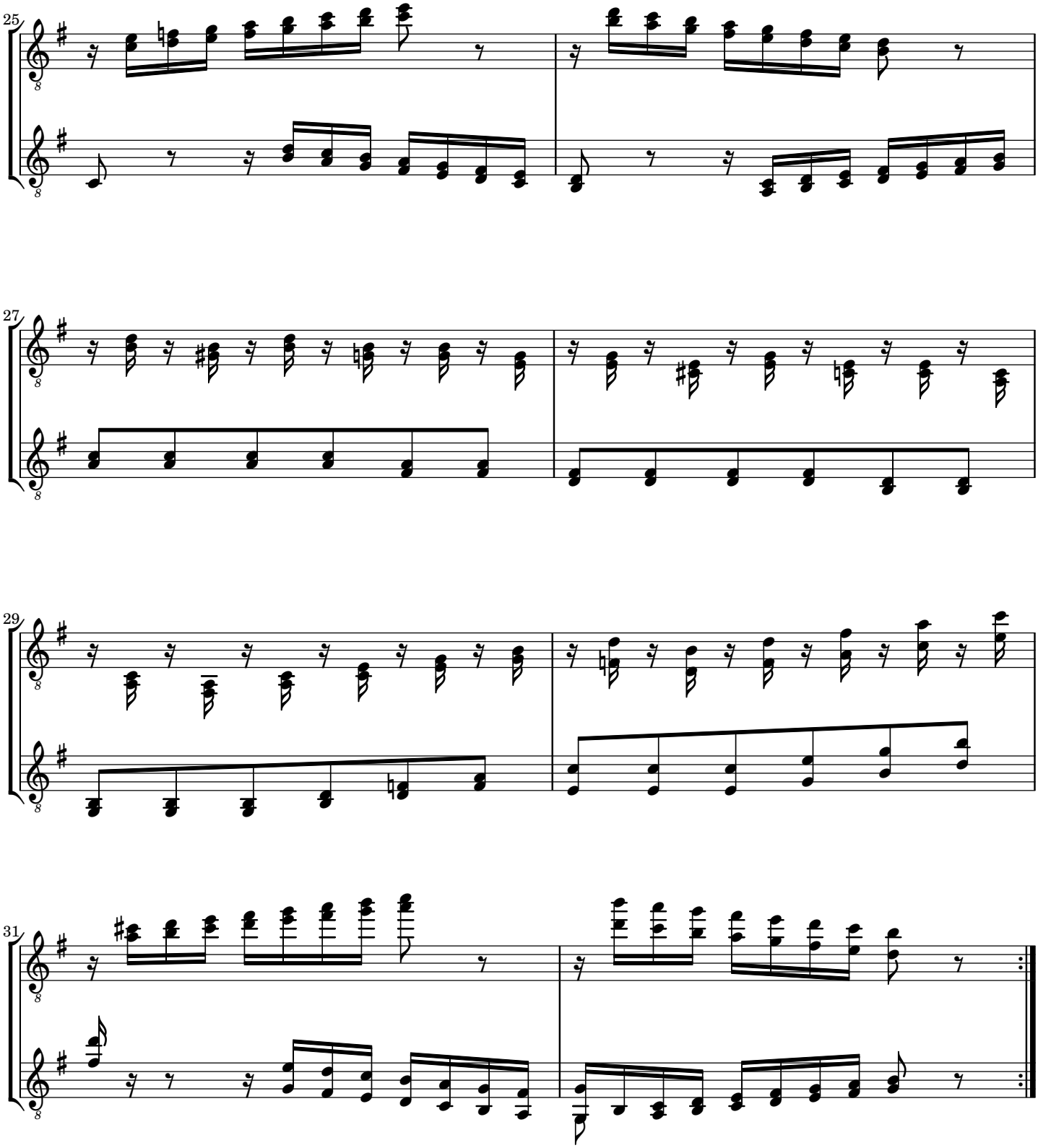
Variation 23



Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

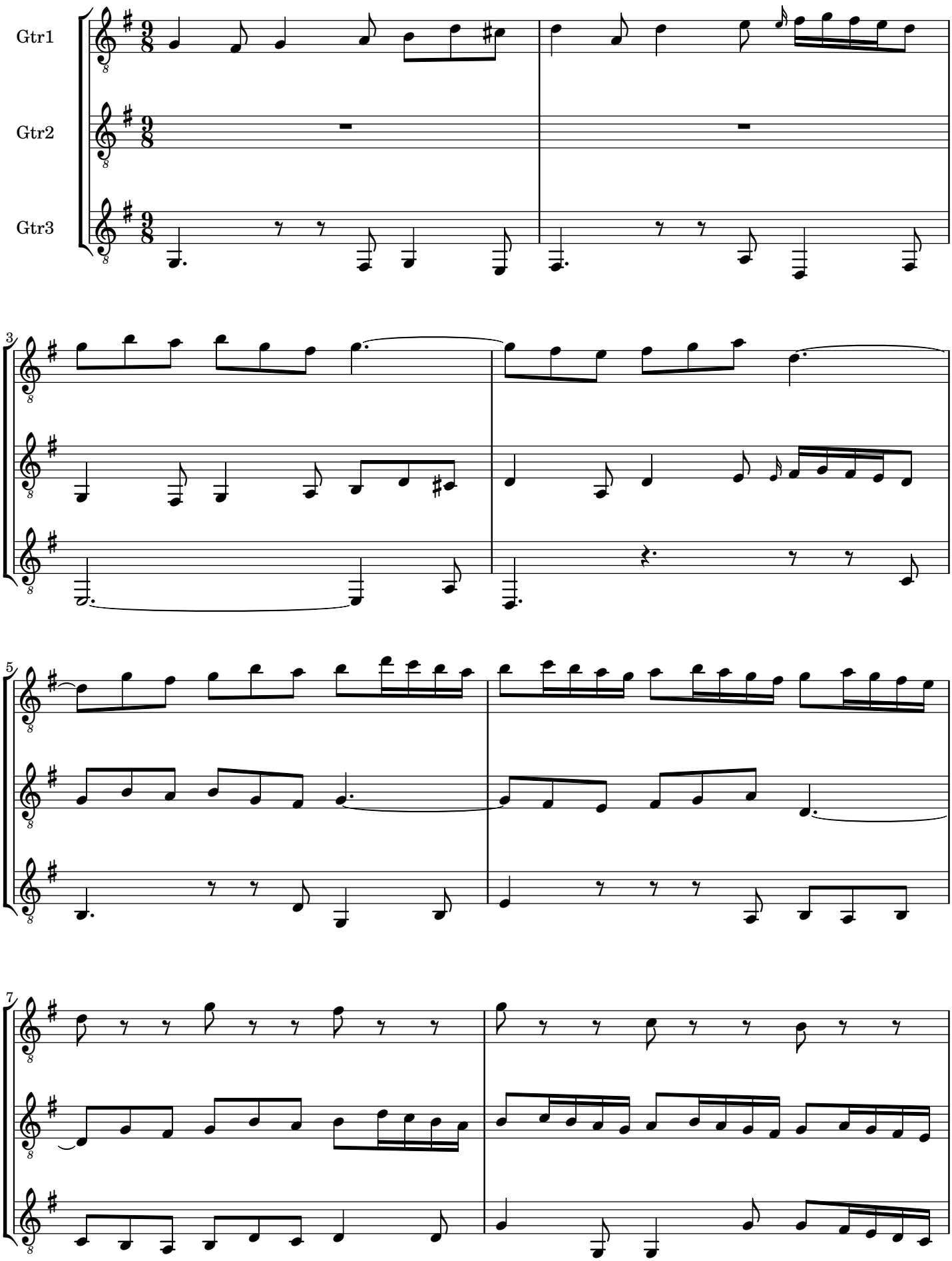



17
19
21
23

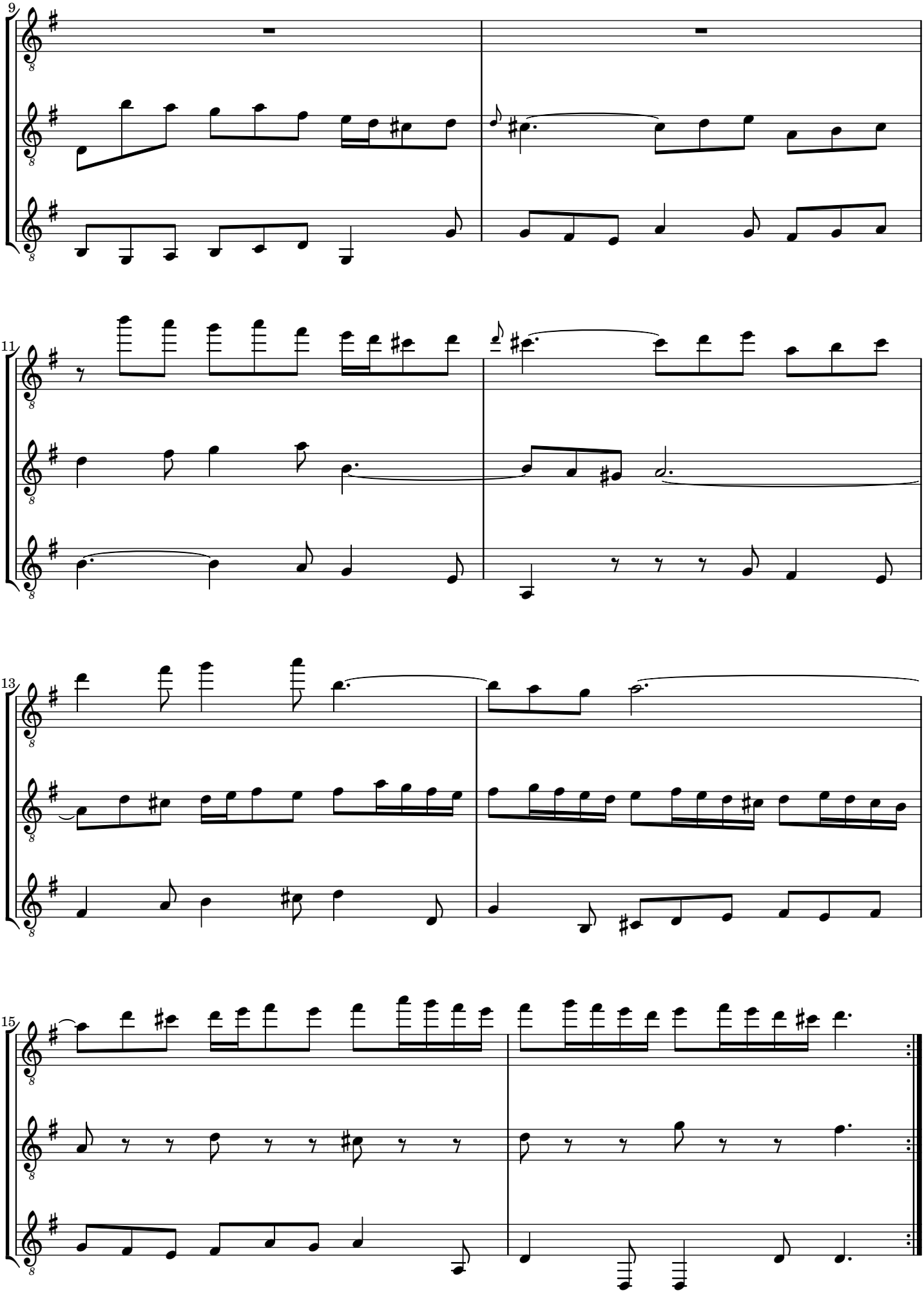

25
27
29
31

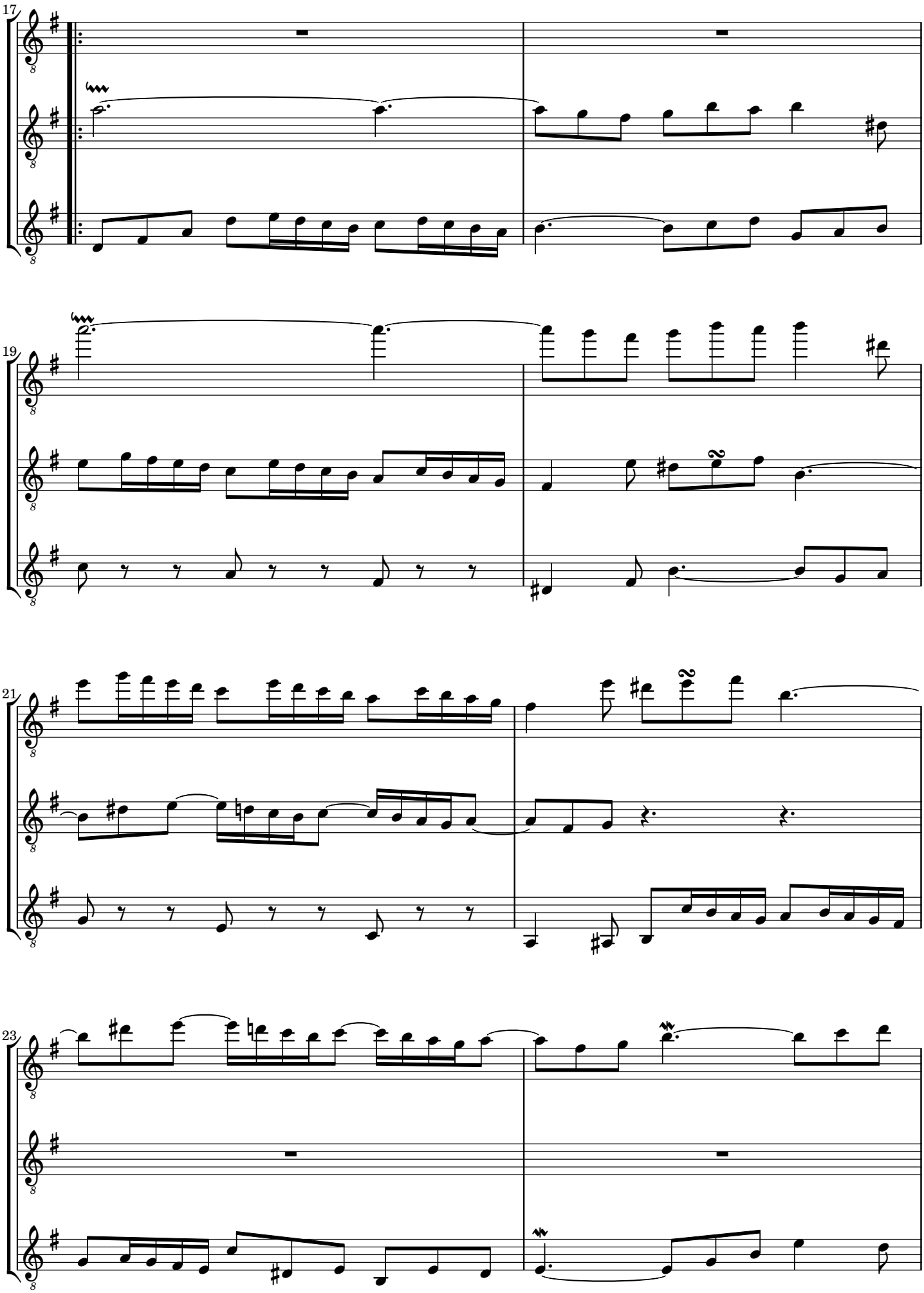
Variation 24

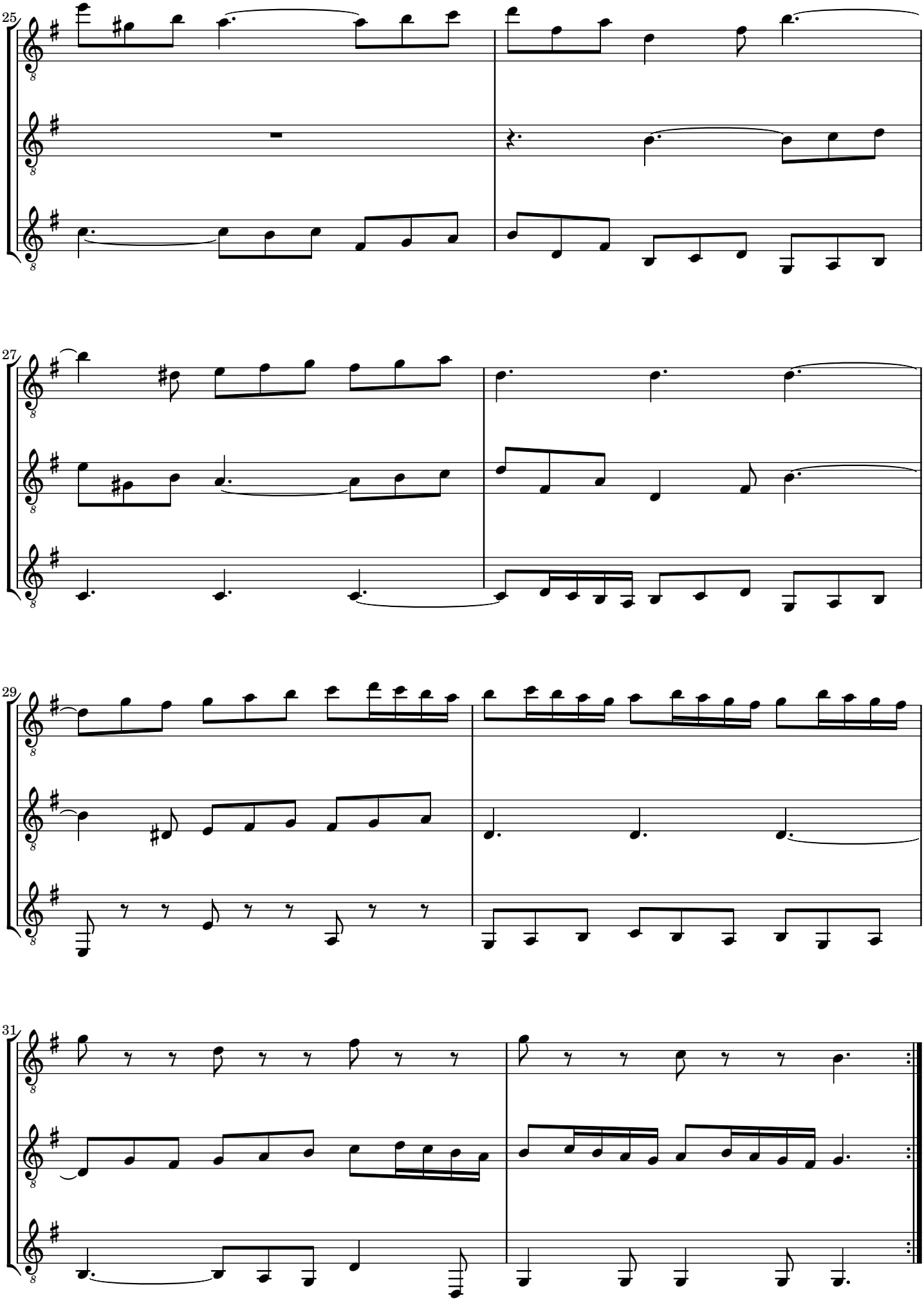
Canon at the Octave



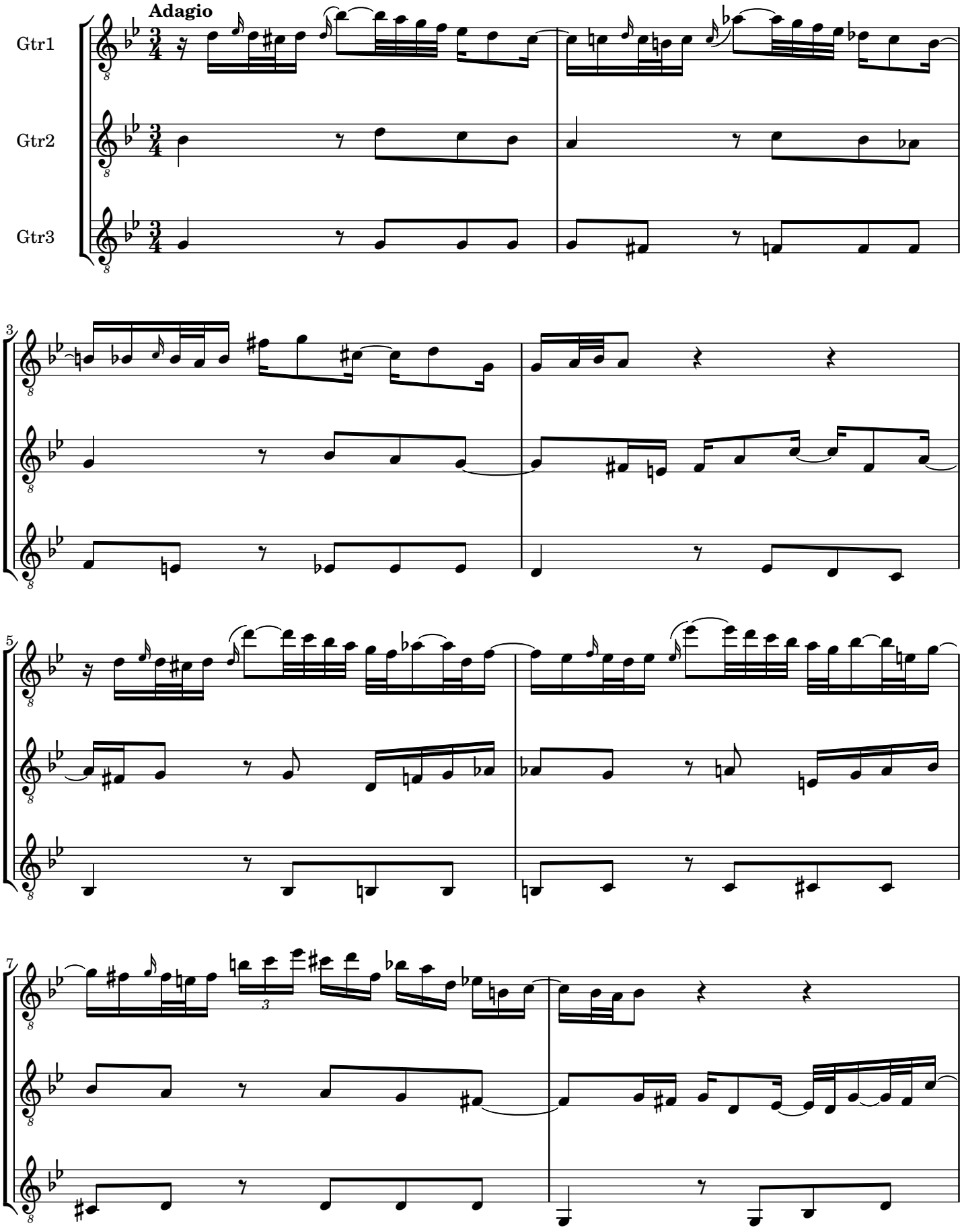
Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform


9
11
13
15

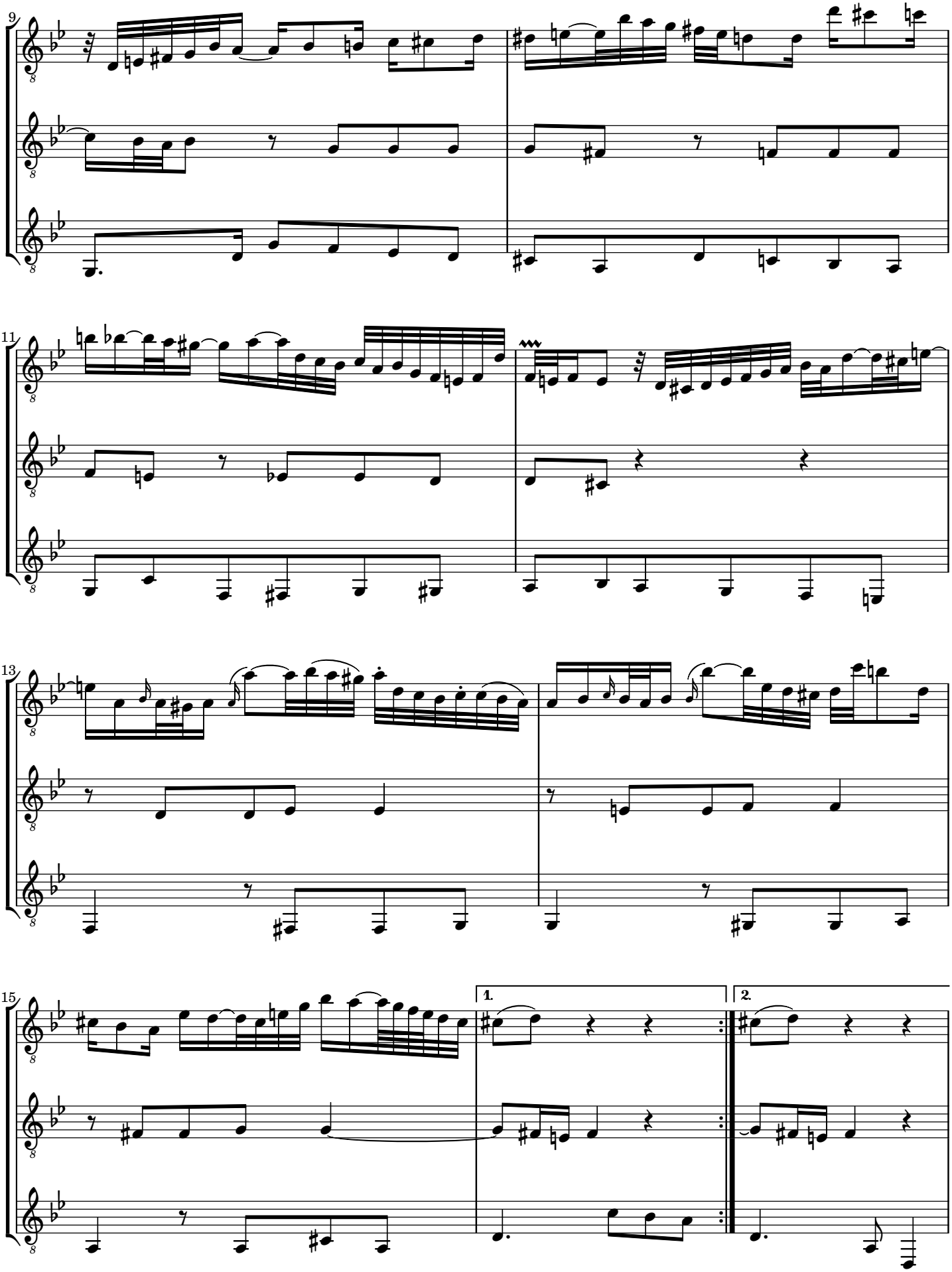

17
19
21
23

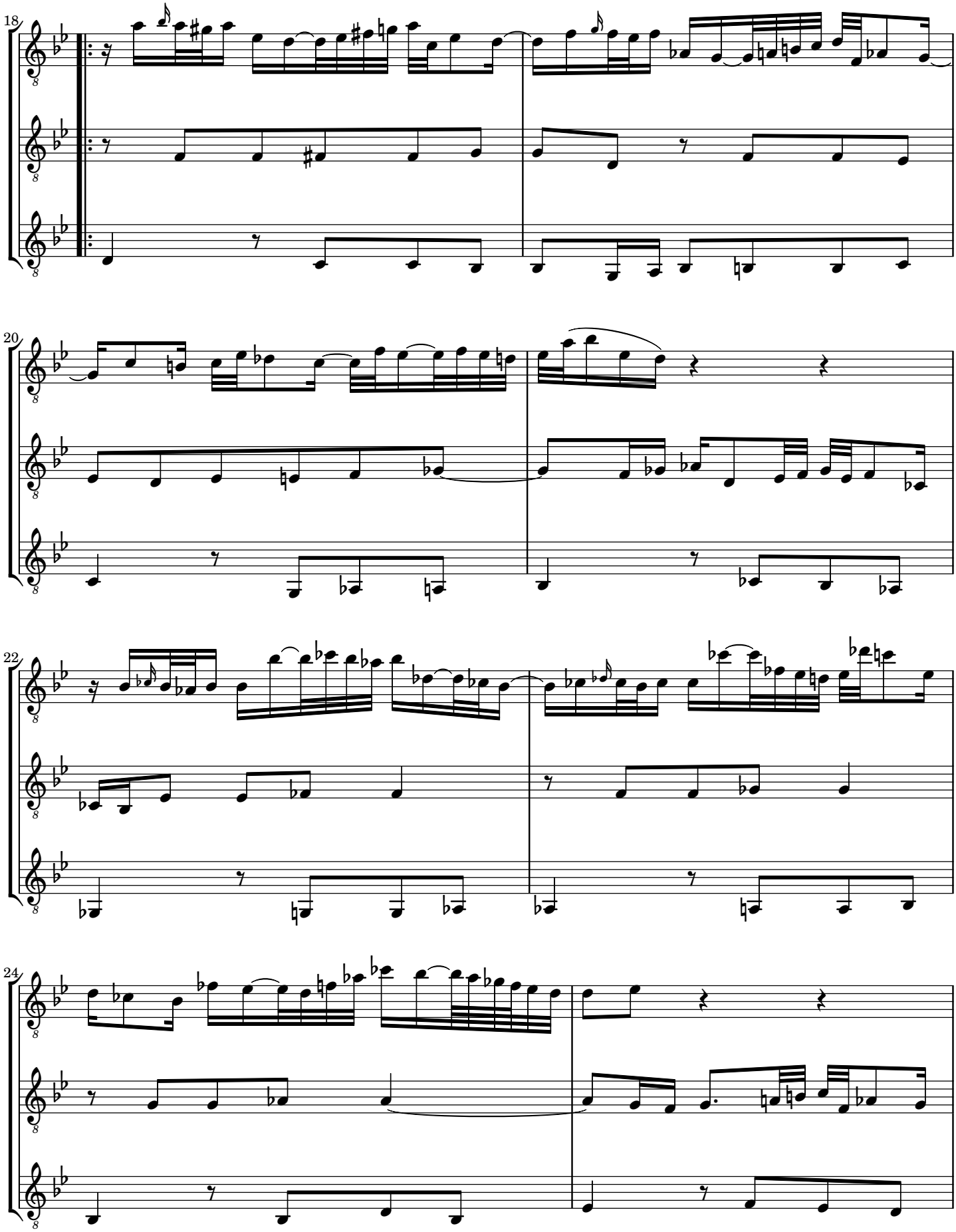

25
27
29
31

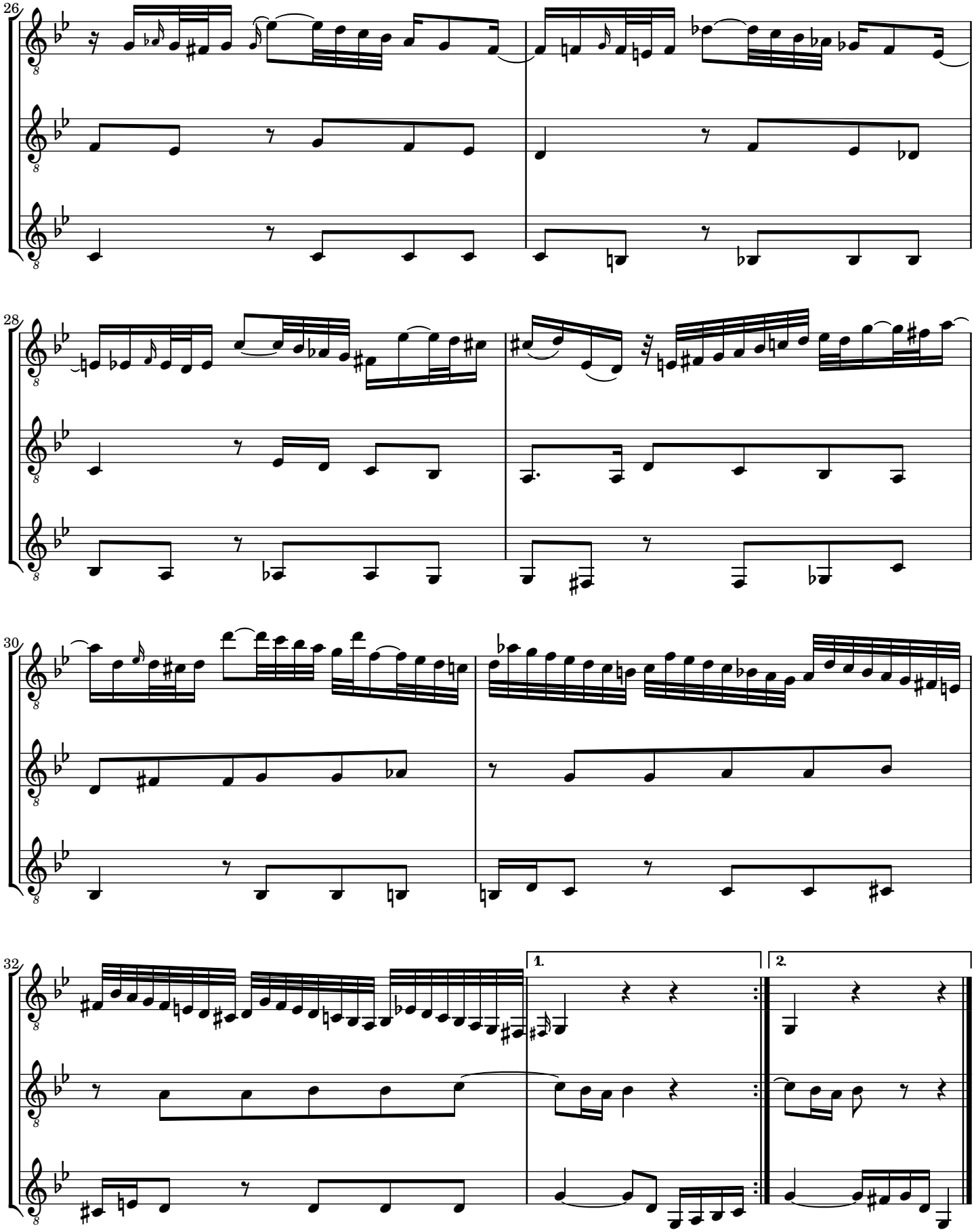
Variation 25



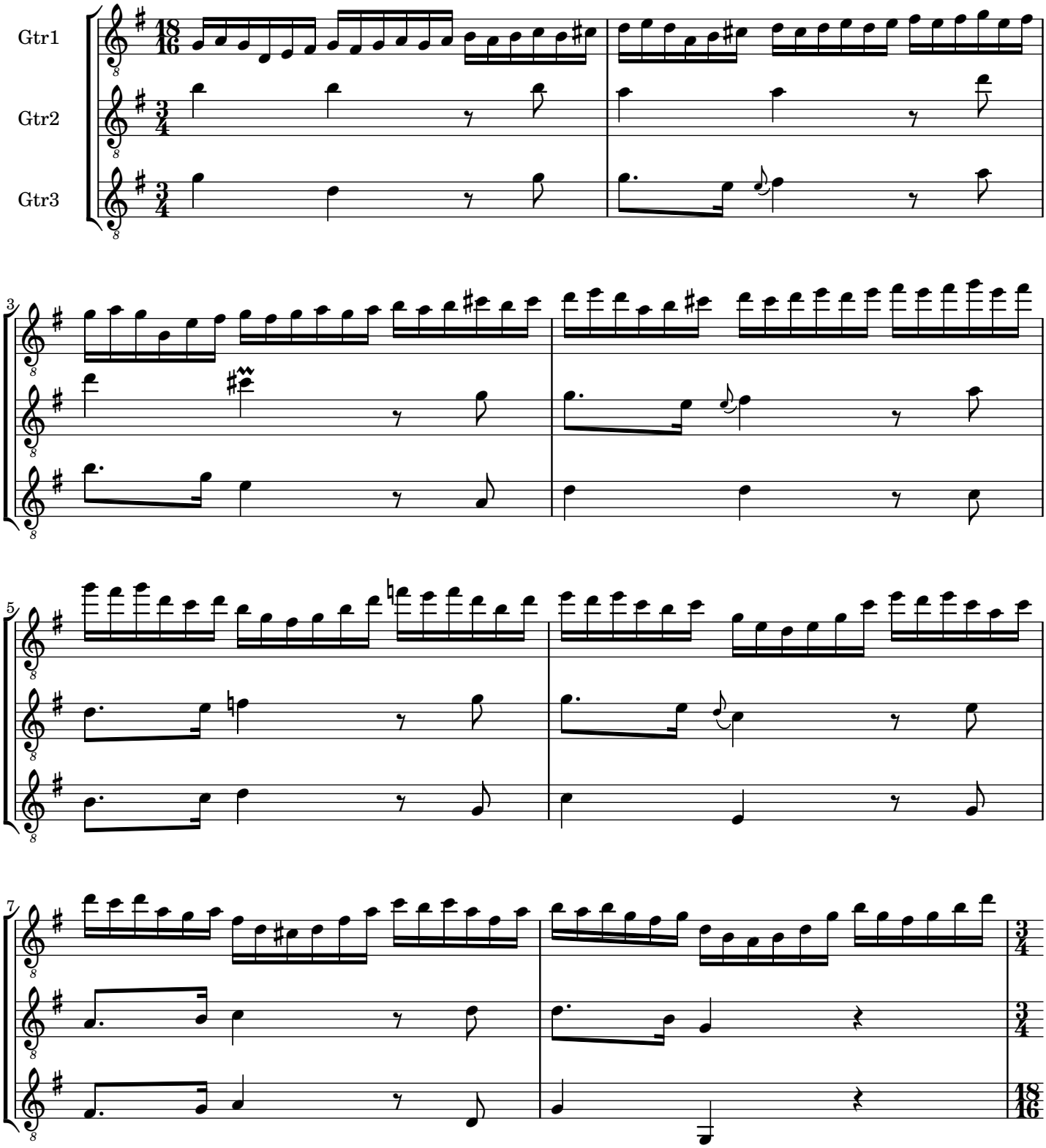
Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform


9
11
13
15
1.
2.

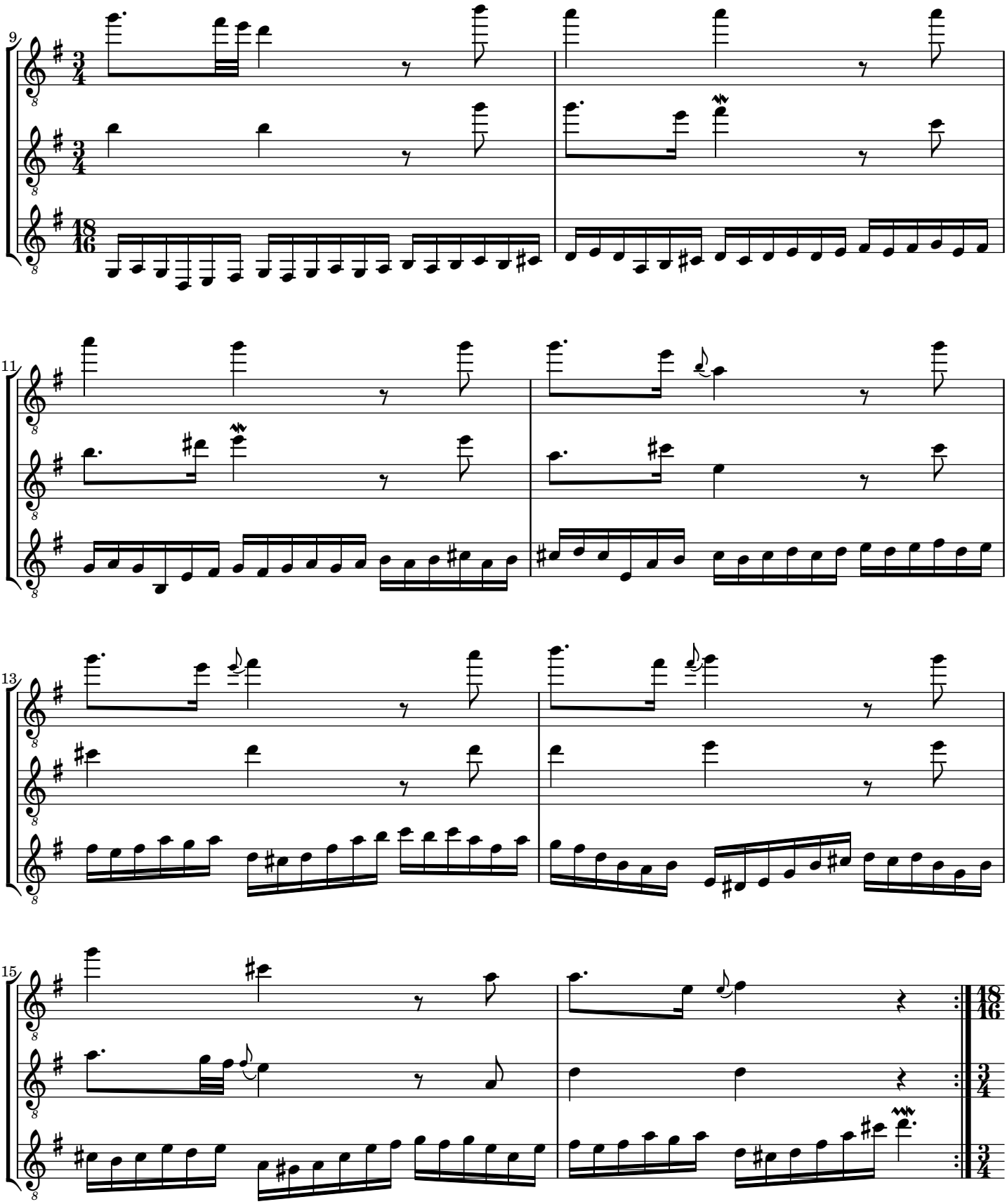

18
20
22
24

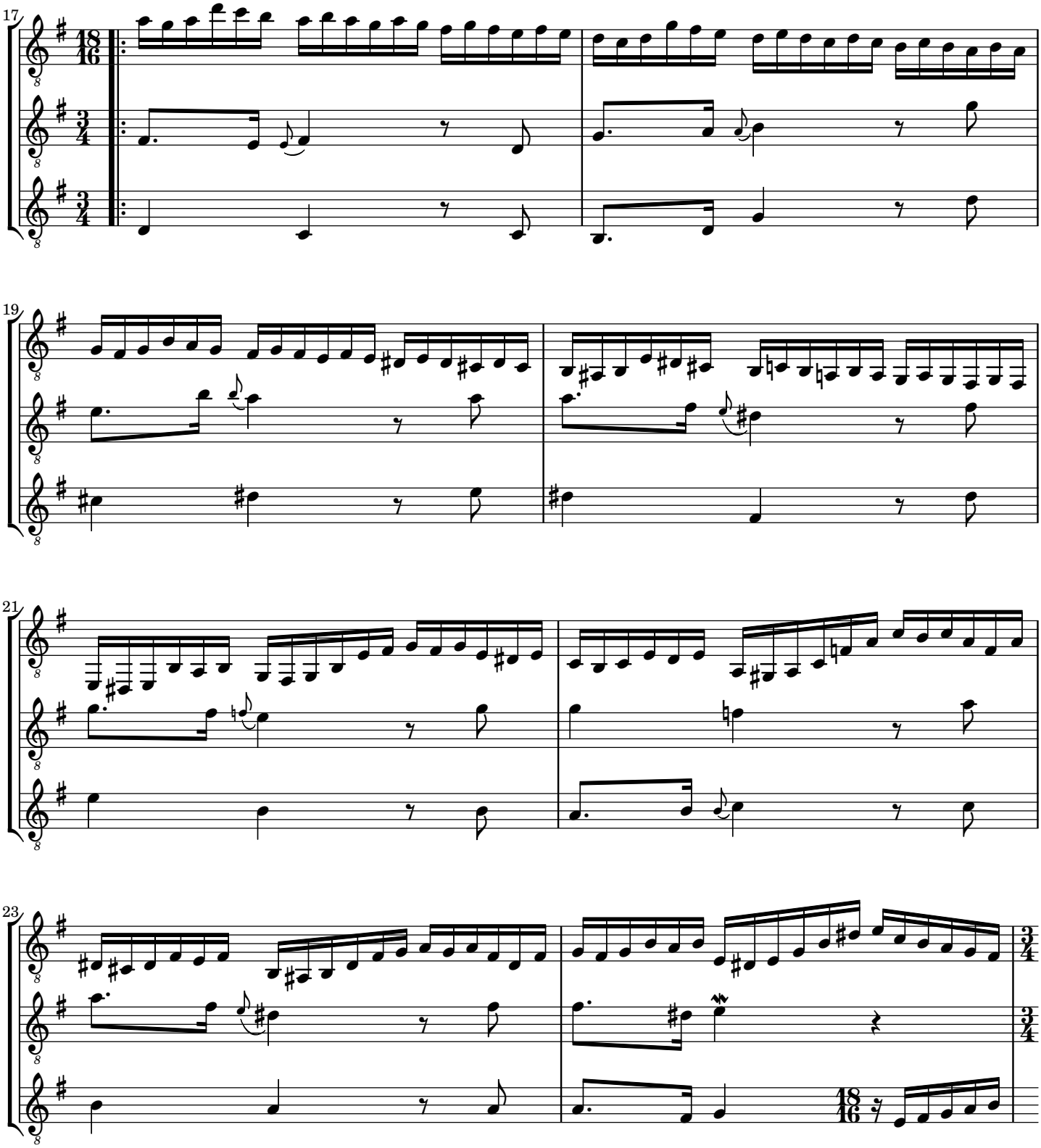

26
28
30
32
1.
2.

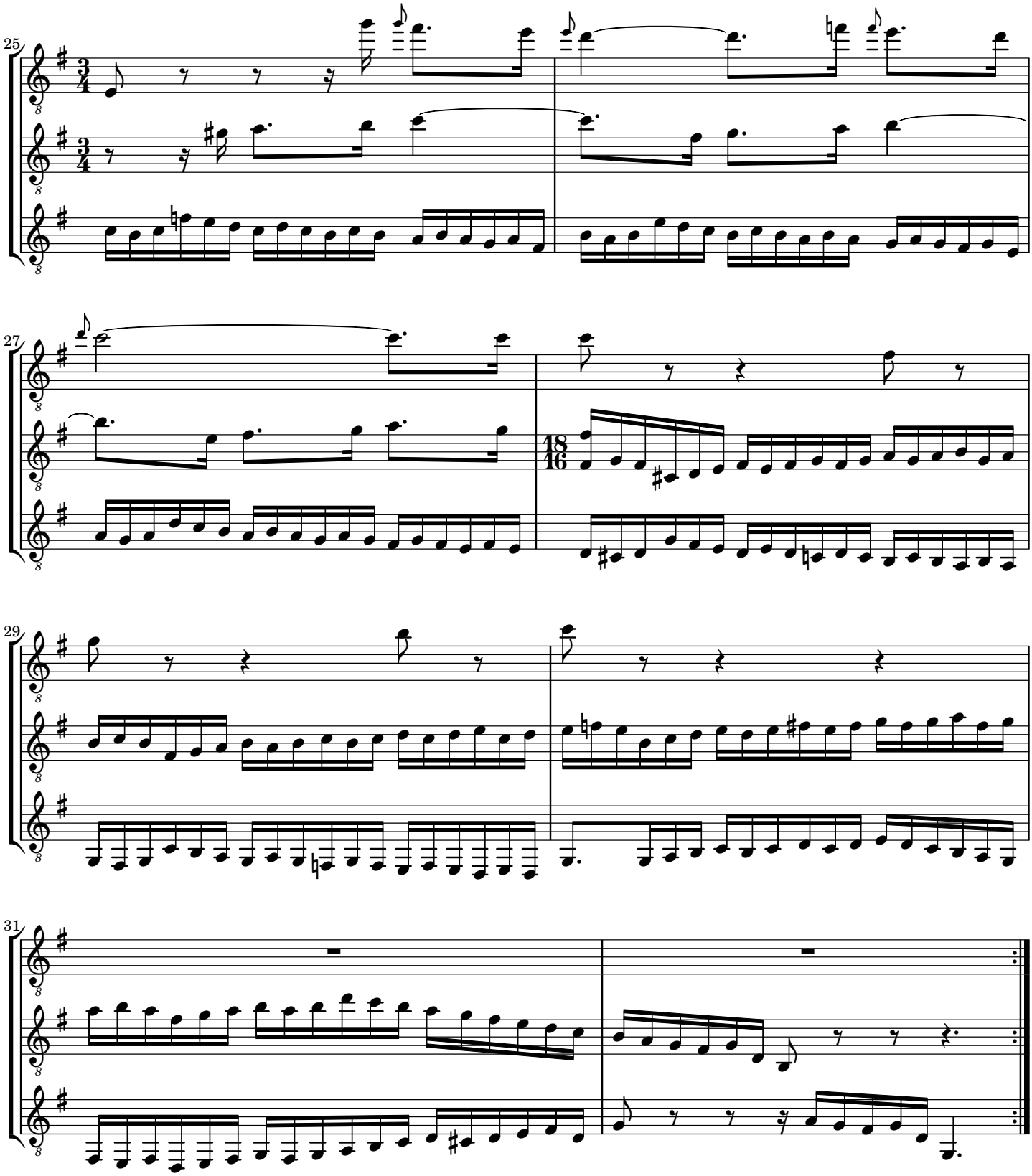
Variation 26



Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

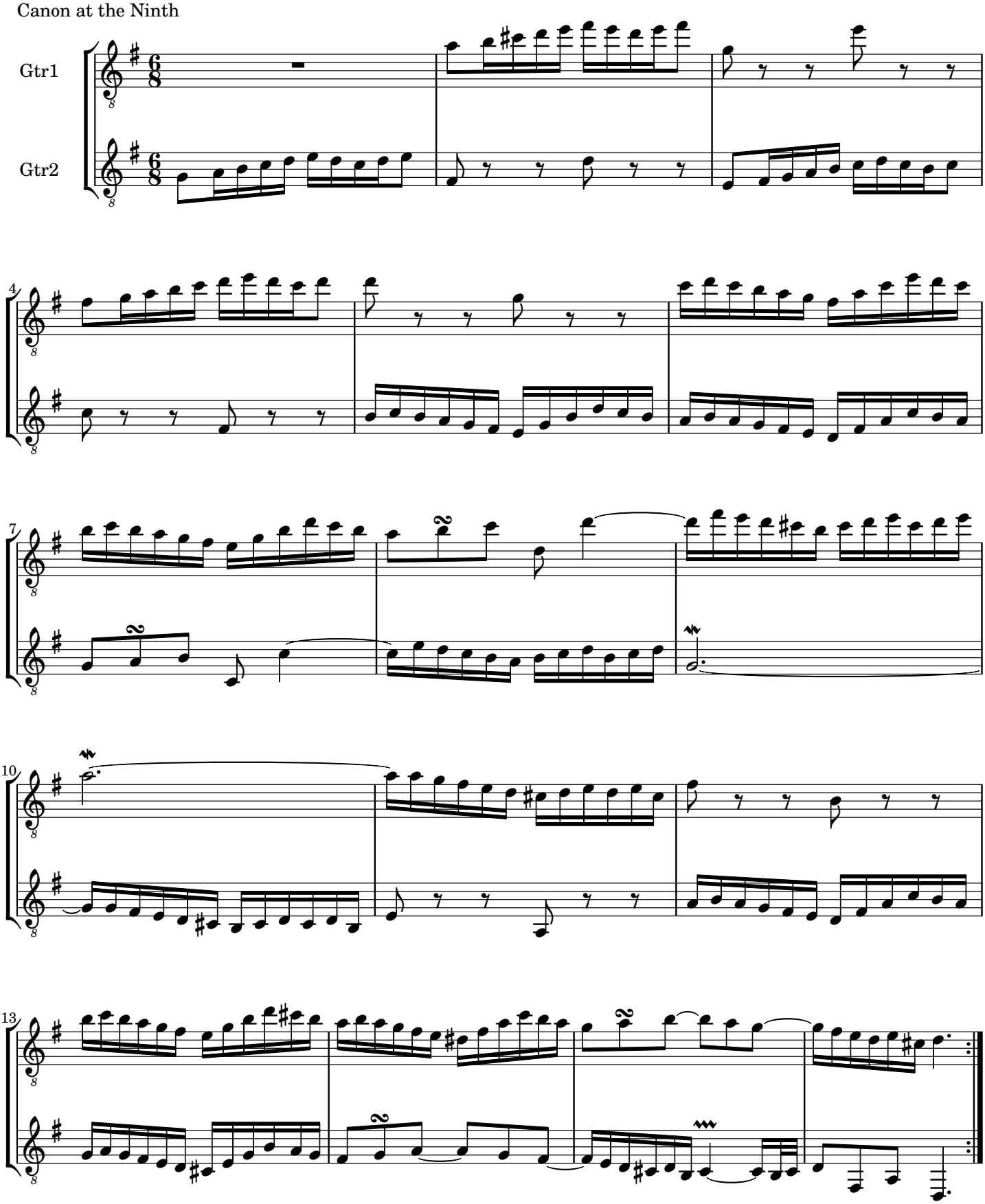

9
11
13
15


17
19
21
23

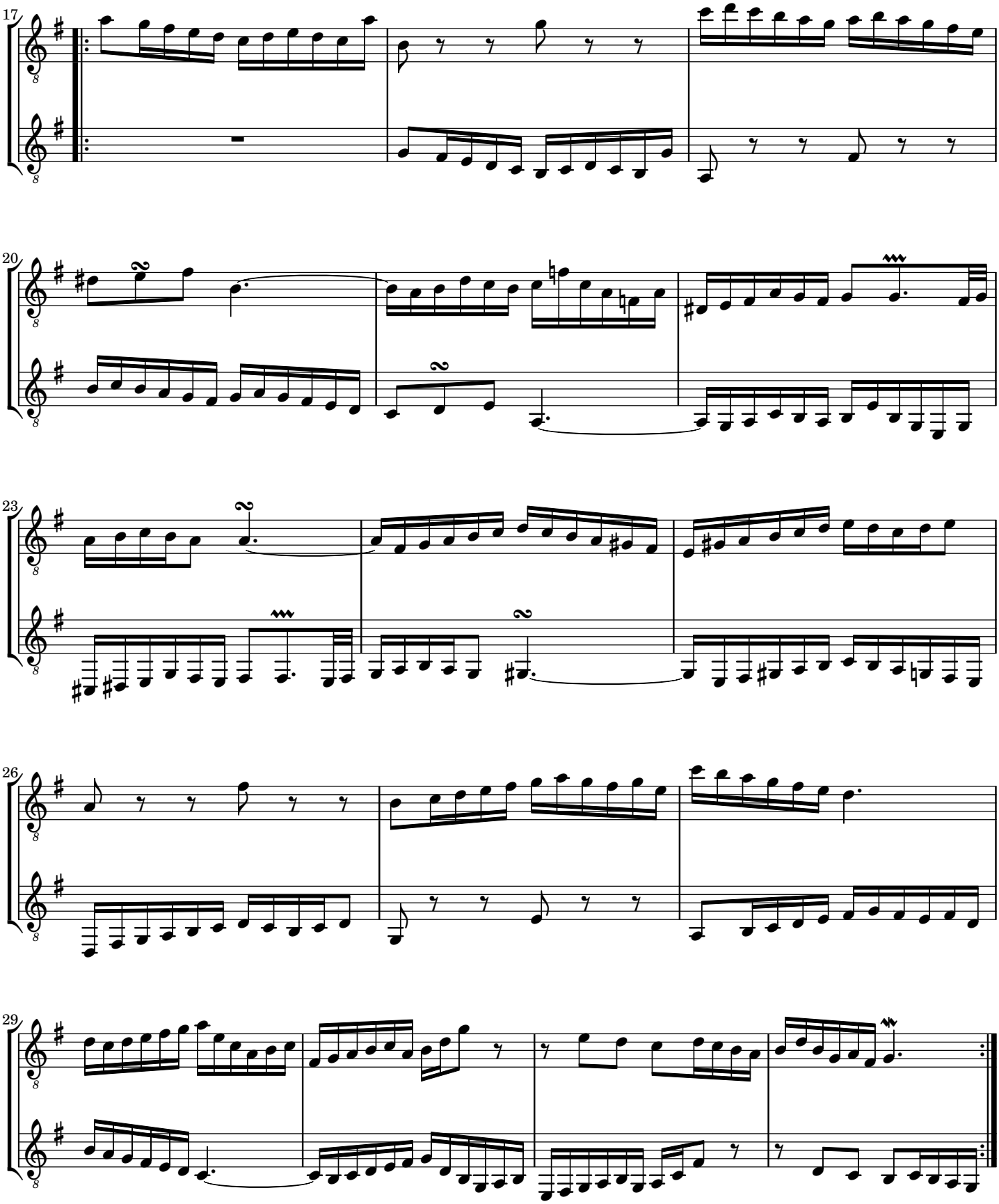

25
27
29
31

Variation 27

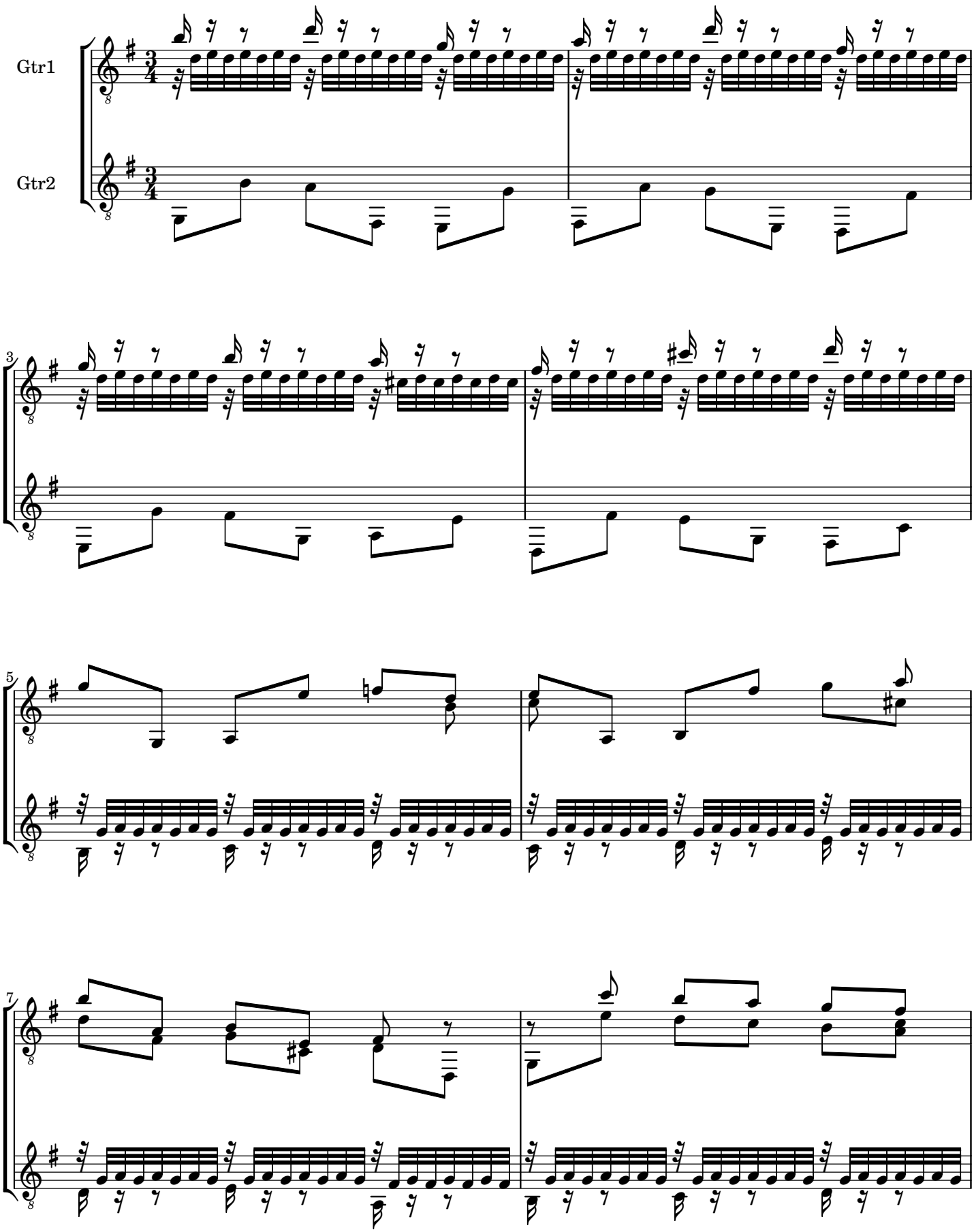
Canon at the Ninth



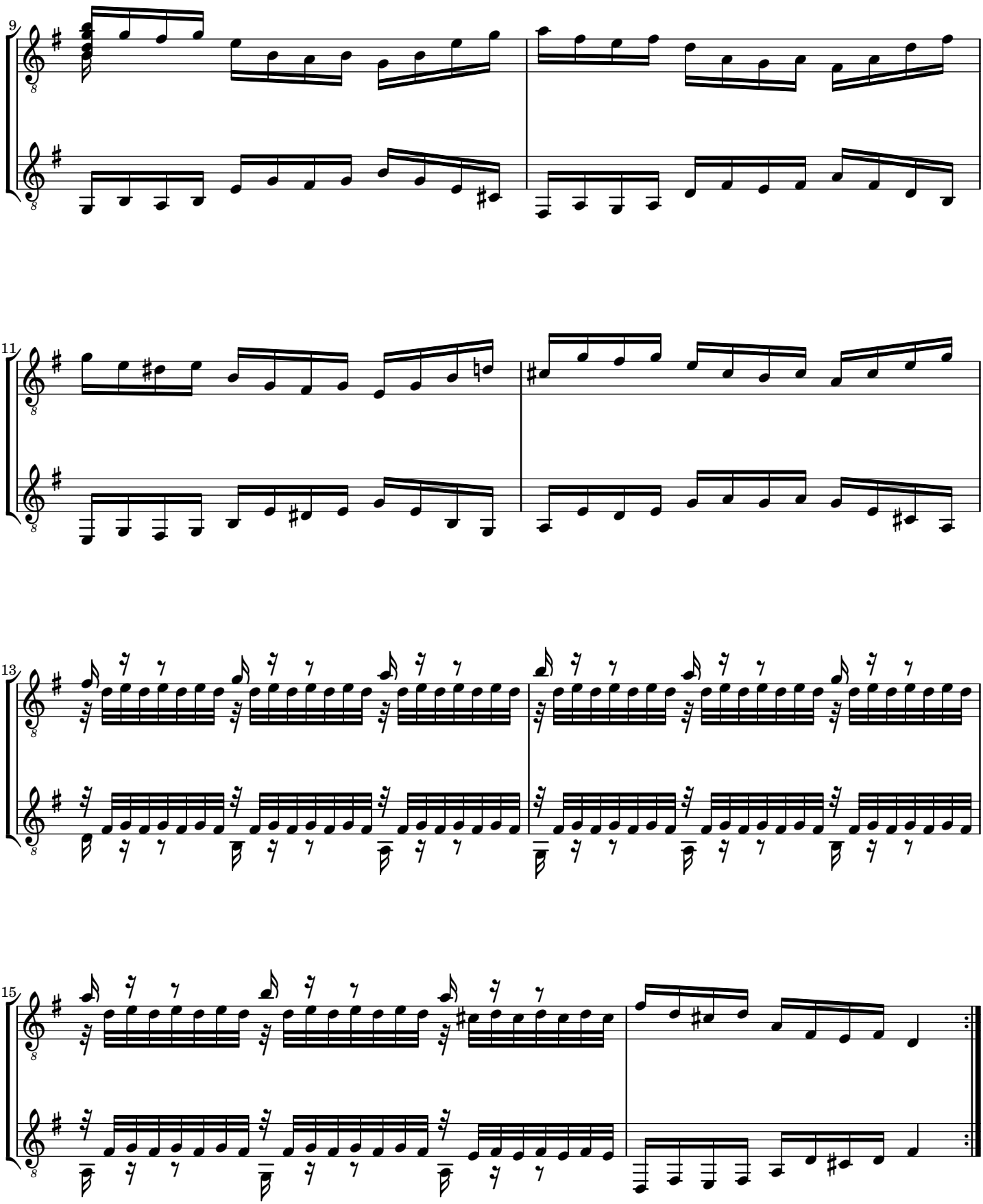
Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

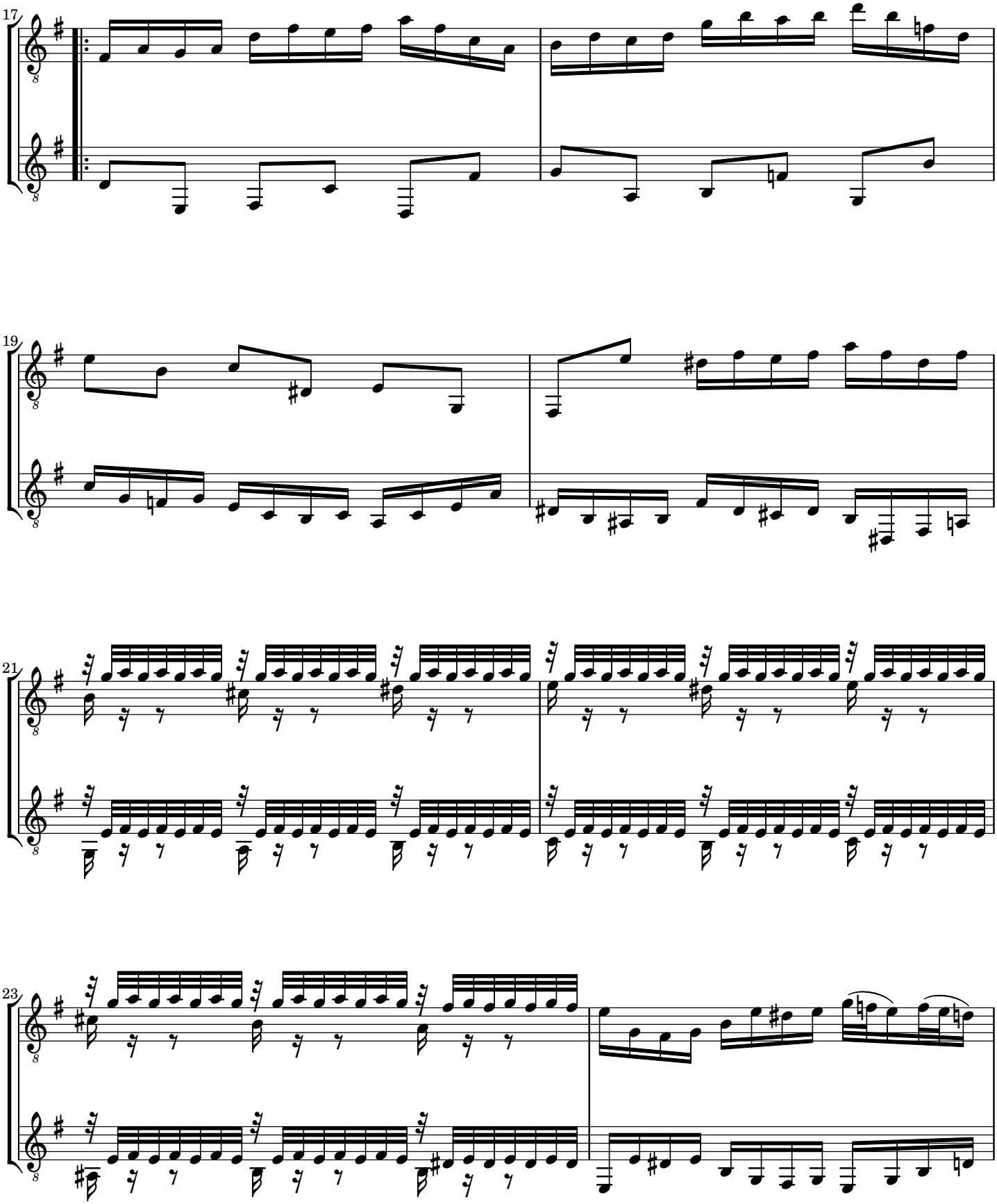

17
20
23
26
29

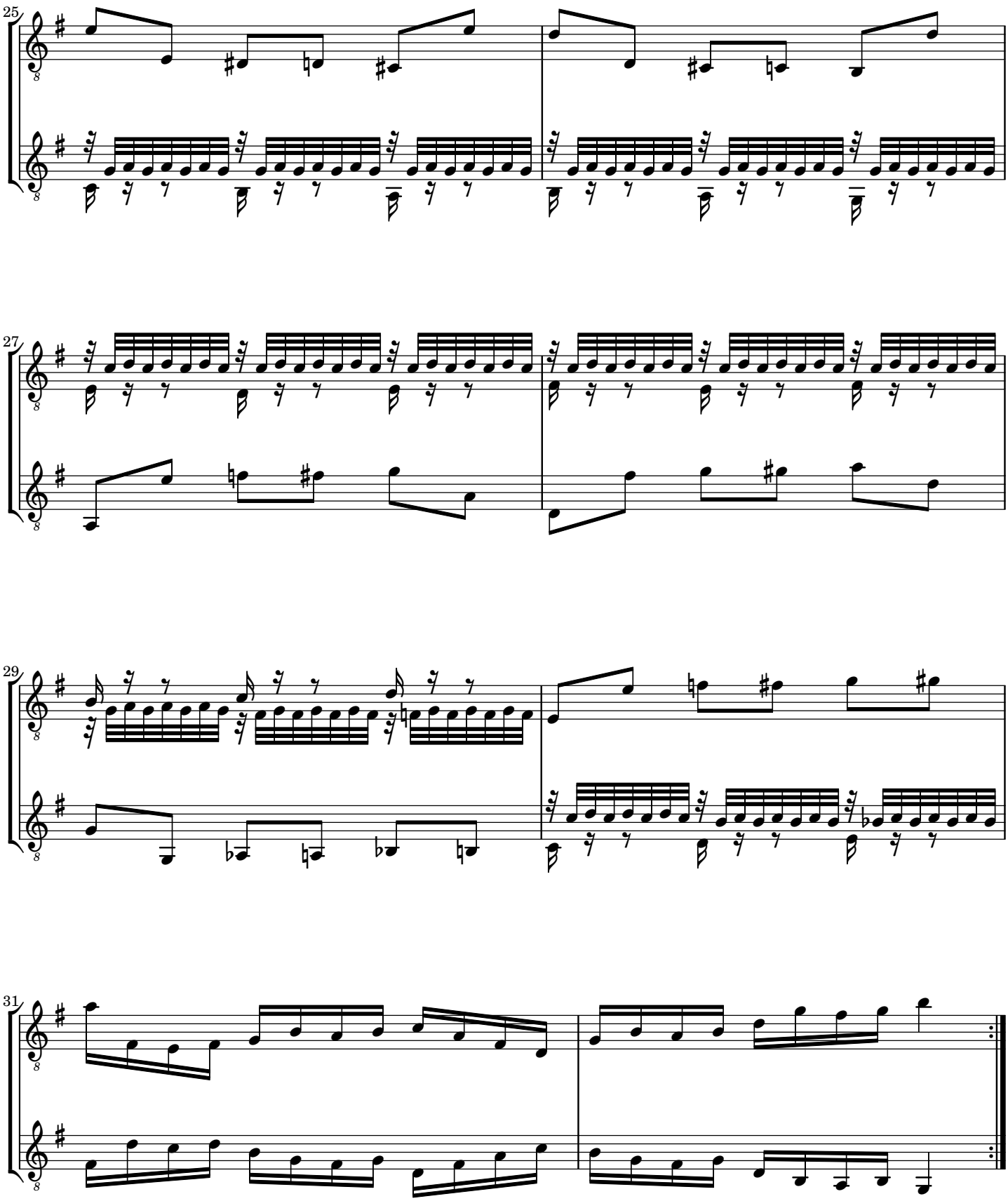
Variation 28



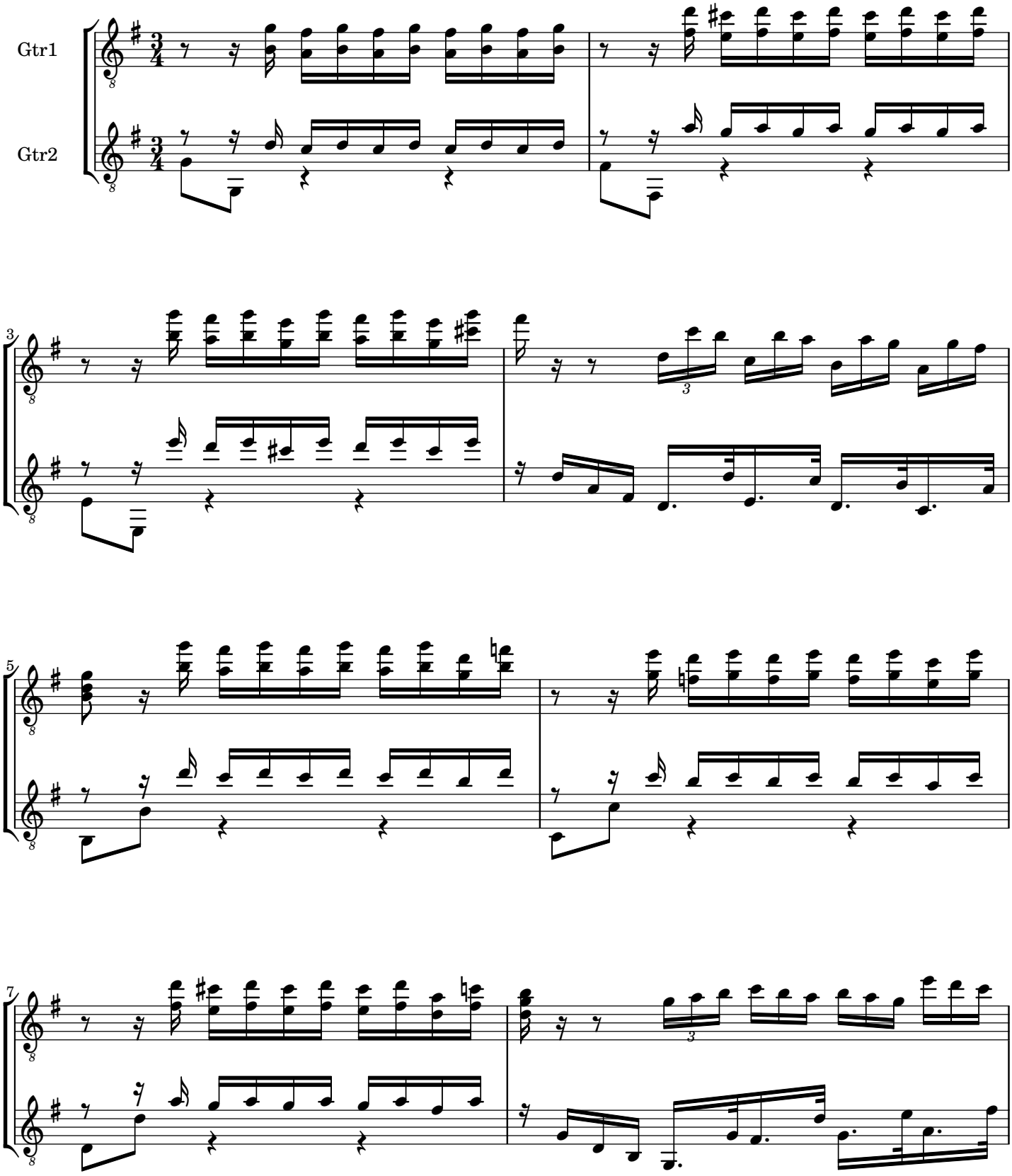
Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform


9
11
13
15

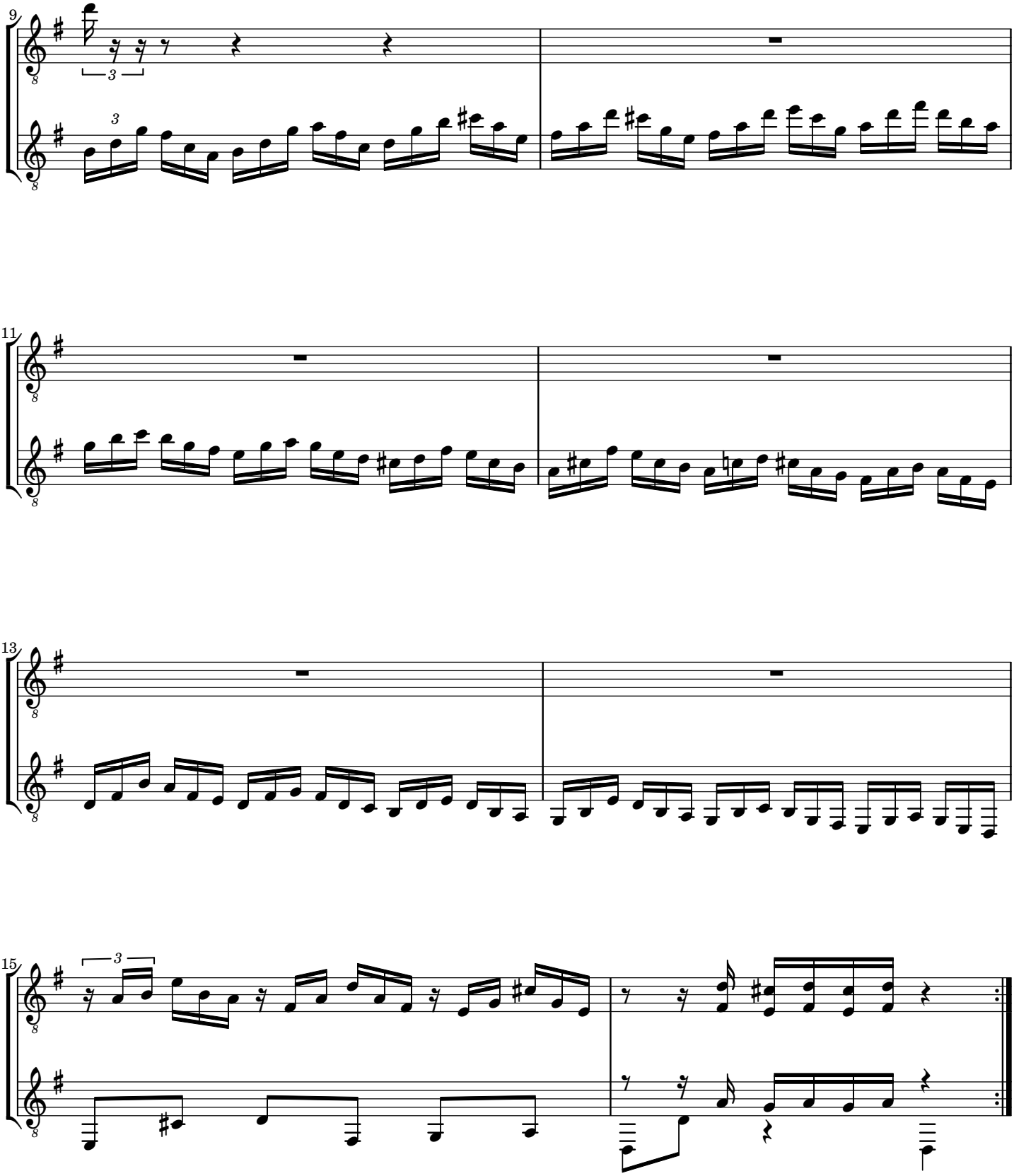

17
19
21
23

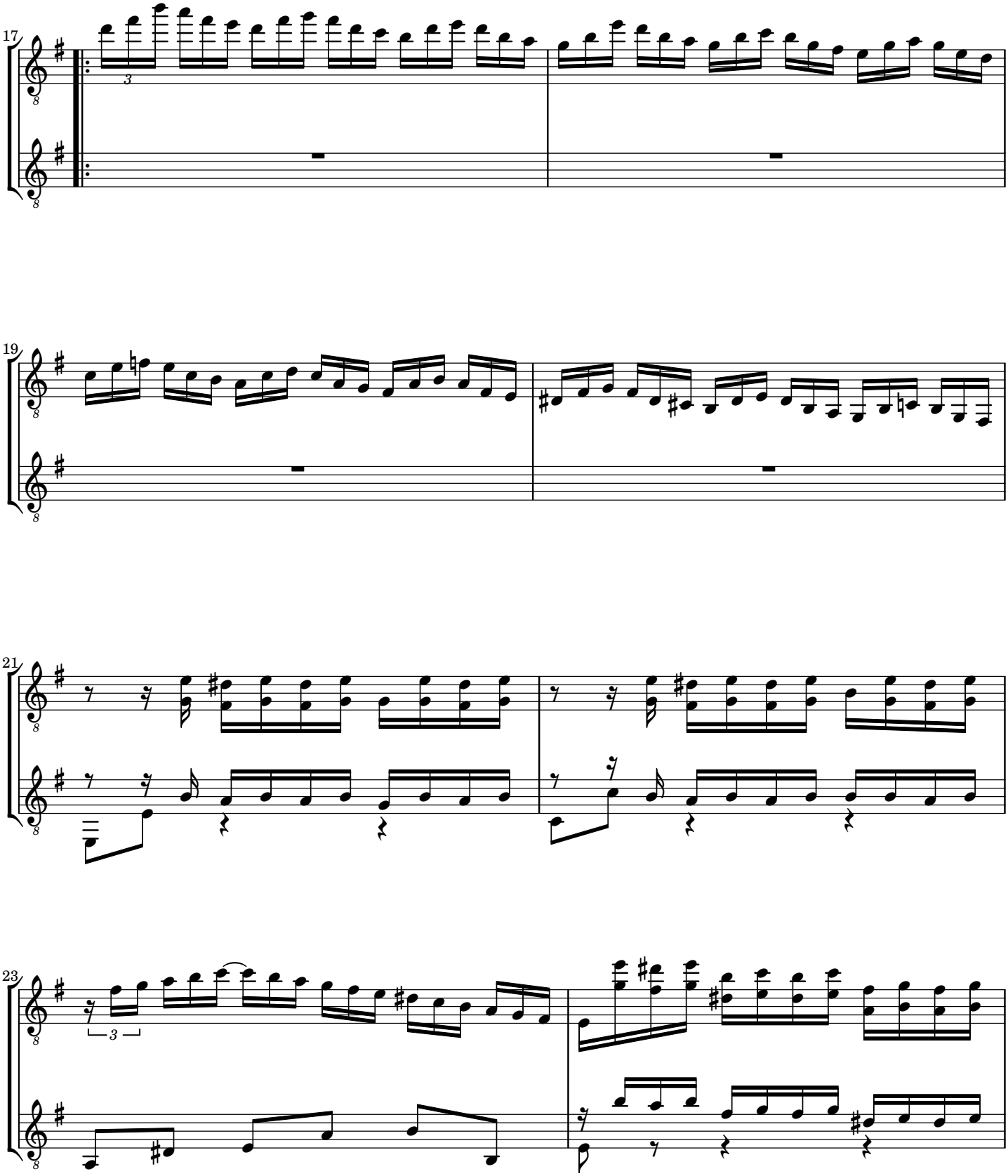

25
27
29
31

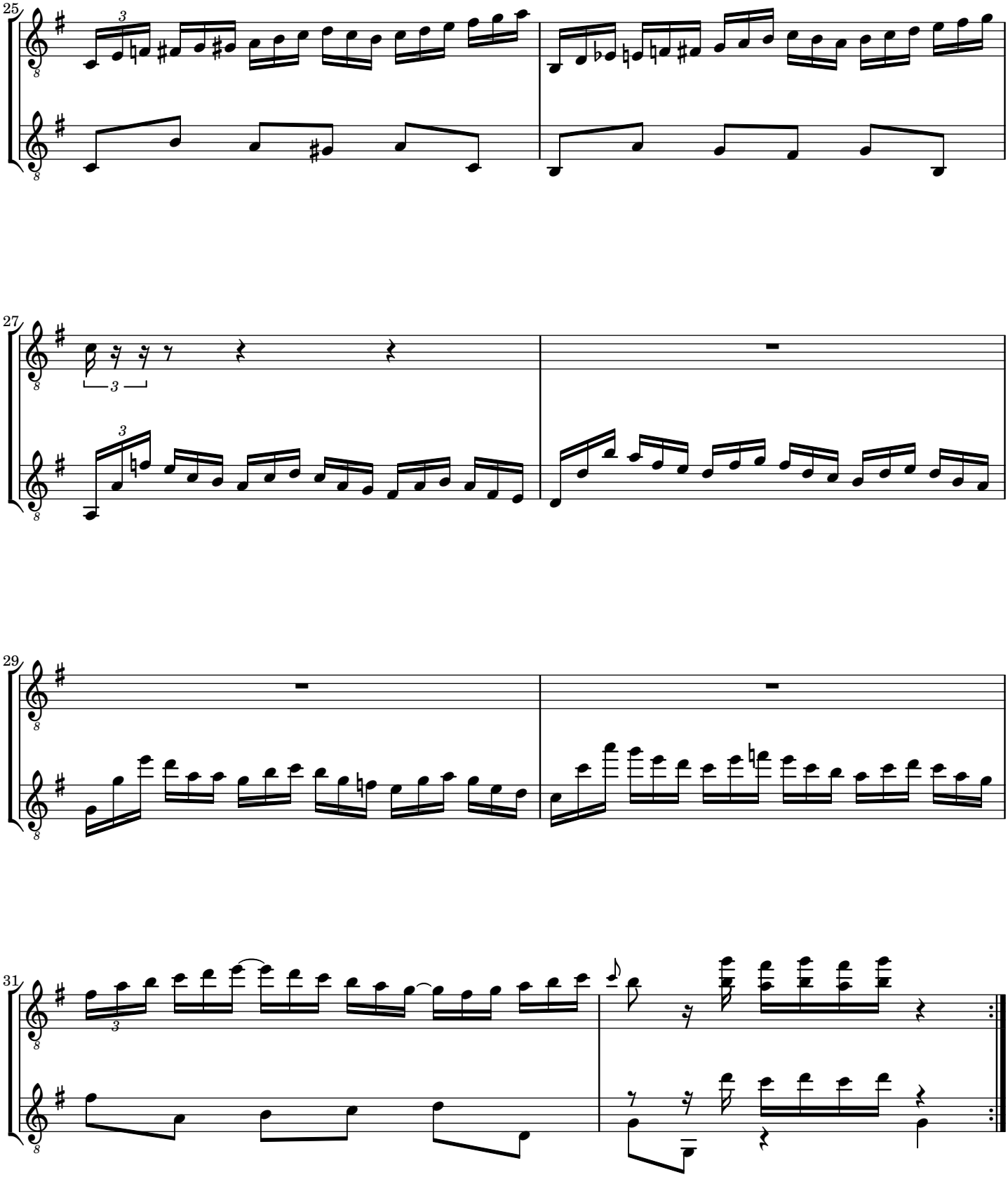
Variation 29



Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

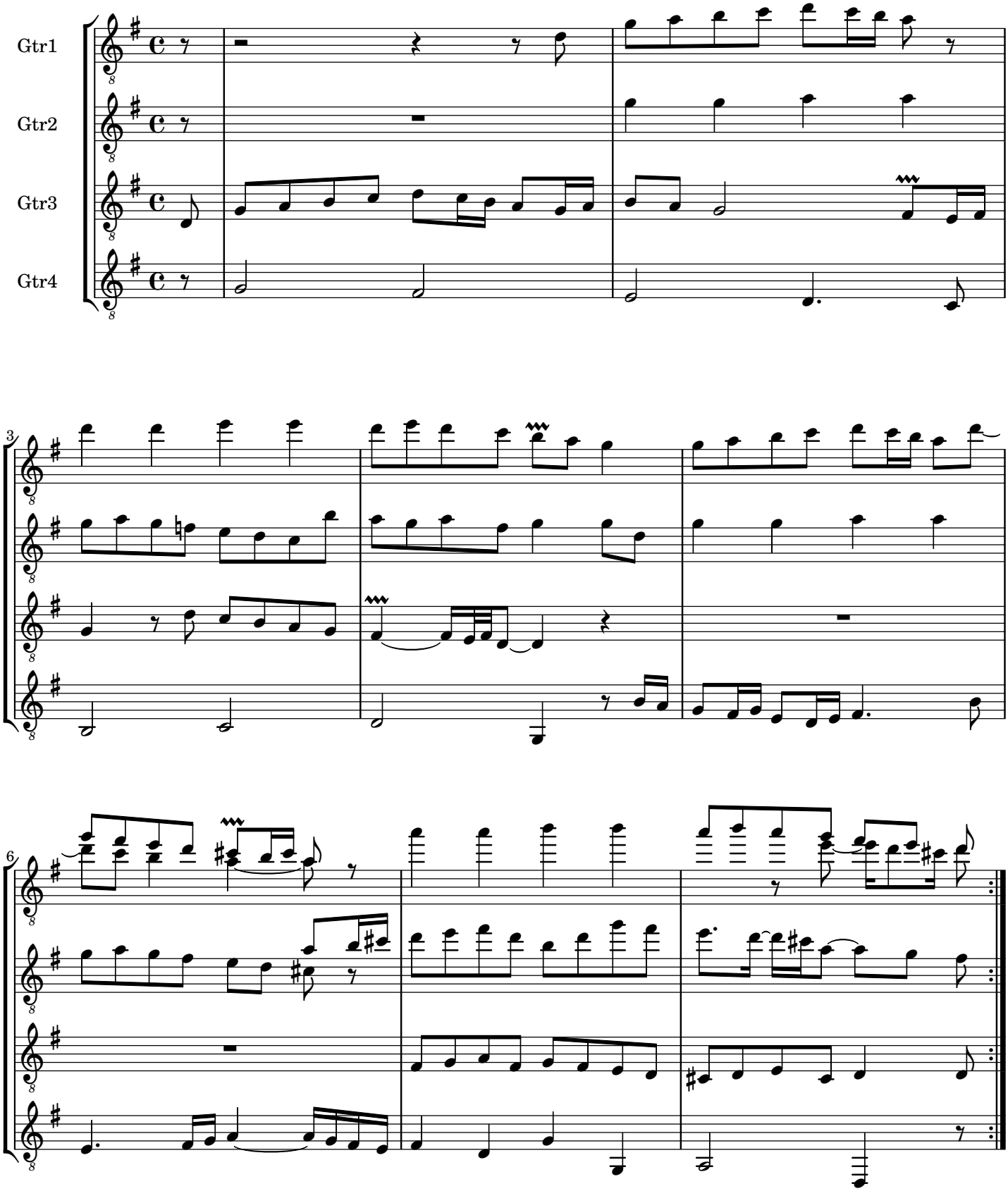

9
11
13
15


17
3
19
21
23
3

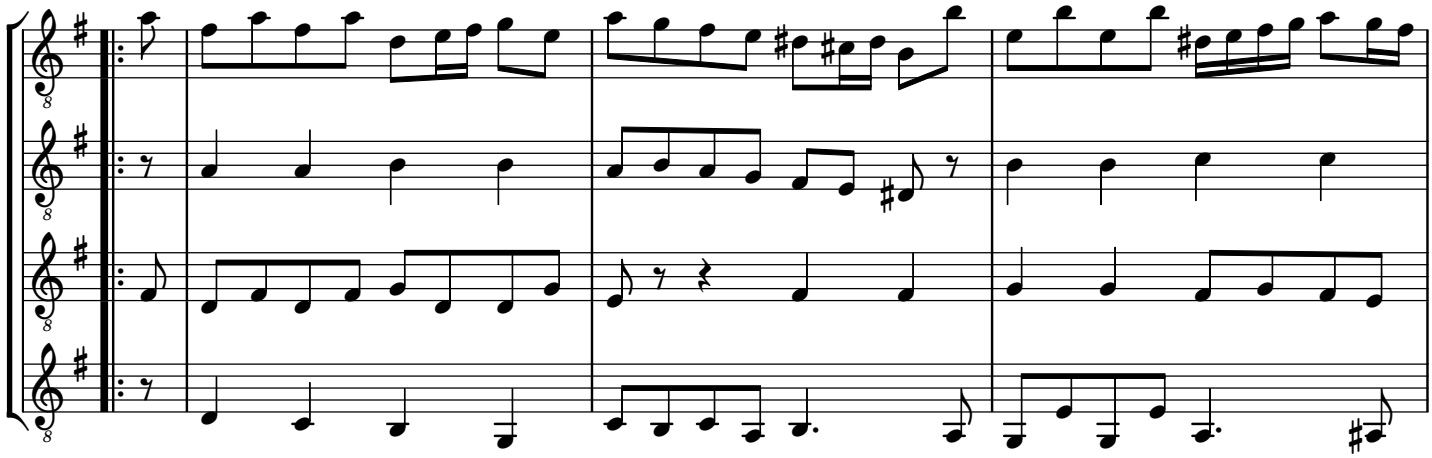

25
27
29
31

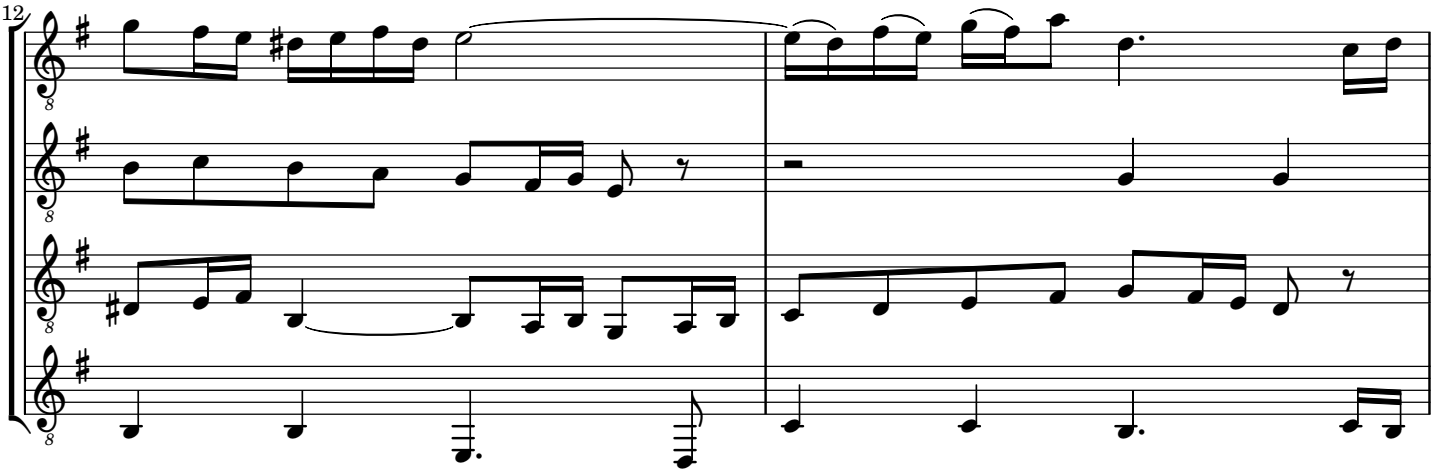
Variation 30

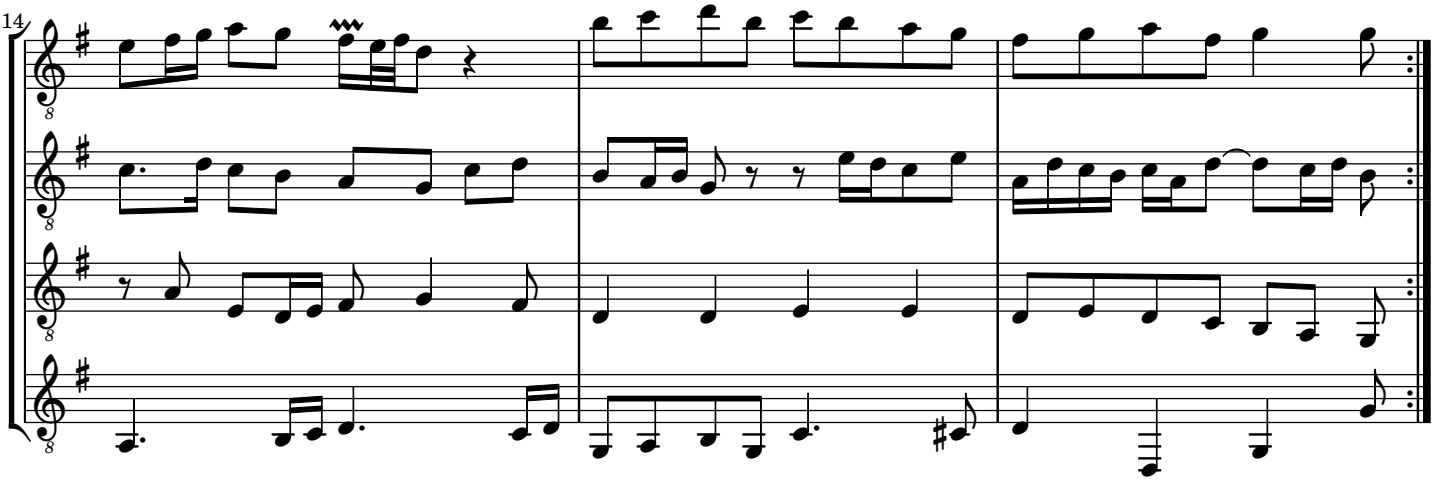
Quodlibet



Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter and Hajo Delzelski — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform



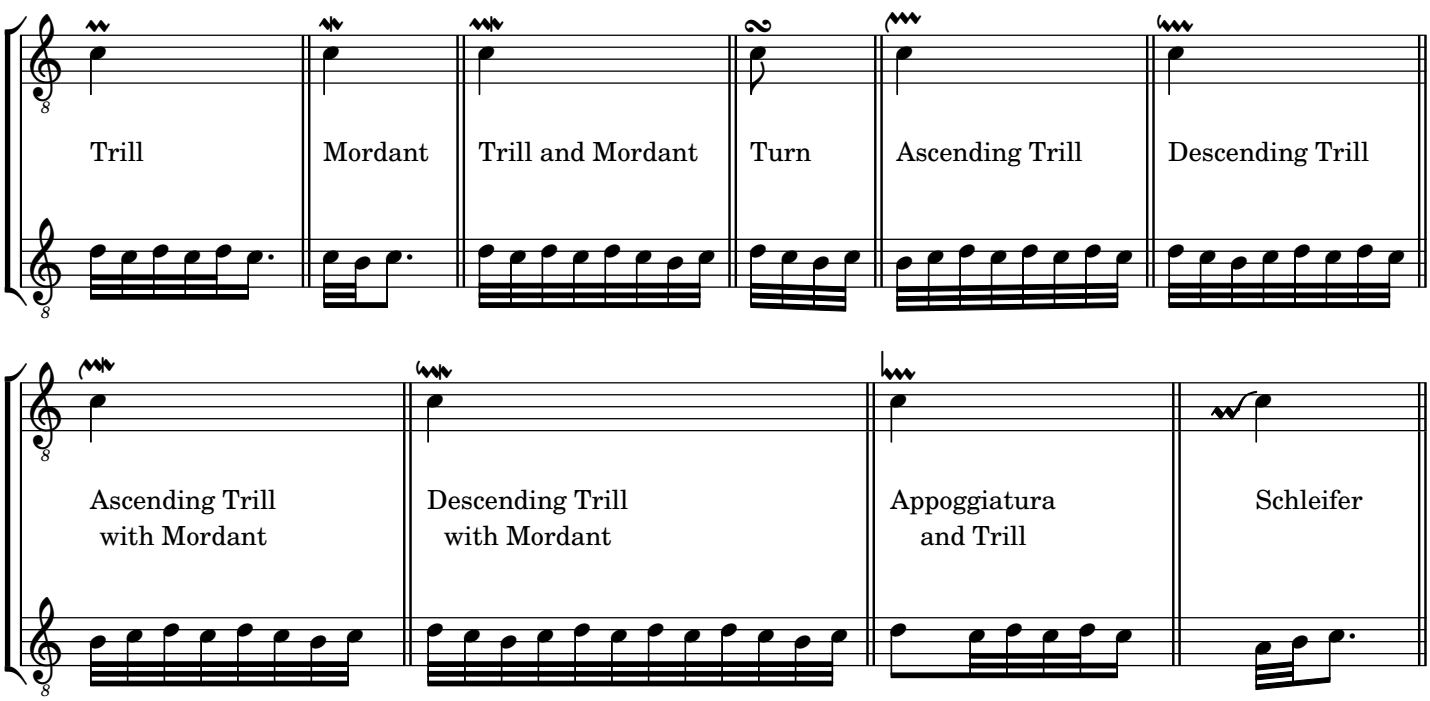




Aria da Capo e Fine.

Table of Ornaments

This table of ornaments is taken from J. S. Bach's "Klavierbüchlein für Wilhelm Friedemann Bach", written for Bach's eldest son. It was meant to be schematic rather than literal. Ornaments in this period were typically improvised. Even when notated the length of the ornament and its articulation was dependent on its context and the performers preference.



Mutopia Project | Typeset using LilyPond © 2015 by Steve Shorter — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform

Acknowledgements

This work is the product of a long chain of dependencies, beginning with the great master himself, J. S. Bach. The technological and social advances that have accrued since that time have allowed the creation and distribution of these Goldberg Variations on the scale that is now possible. Of particular importance is the GNU/Linux operating system, the LilyPond engraving system, the Internet, and the new model of network property upon which these things are all dependent.

The transcription and engraving of these Goldberg Variations is the work of Steve Shorter. Thanks is also due to Shayne Grey and Tim Smith for early error corrections, and to the Guitar Society of Toronto Orchestra for creating an inspired and dynamic forum for guitar performance. It was in that forum that these Goldberg Variations for Guitar Ensemble were first imagined and performed.

This work is based on source material from the MutopiaProject http://mutopiaproject.org

Special thanks to sync.com

The author/editor can be contacted at steve@linuxsuite.org

Copyright

The Goldberg Variations for Guitar Ensemble is a derived work and is copyright Steve Shorter, Creative Commons - Attribution-ShareAlike 4.0

http://creativecommons.org/licenses/by-sa/4.0/

You are free:

* to Share - to copy, distribute, perform and transmit the work
* to Remix - to adapt the work
* to make commercial use of the work

Under the following conditions:

Attribution - must attribute the work in the manner specified by the author or licensor (but not in any way that suggests that they endorse you or your use of the work).
Share Alike - If you alter, transform, or build upon this work, you may distribute the resulting work only under the same or similar license to this one.

The original lilypond source from which this work is derived is copyright under the above licence by the following

Aria	JD Erickson (2007)
Variation 1,2	JD Erickson (2007)
Variation 18	Benjamin Esham (2007)
Variation 3 - 17, 19 - 30	Hajo Delzelski (2008)

Errata

* Aria - bar 23, missing Schleifer

* Variation 27 - bar 23, "c#" not playable under given intstrument limitations

* Variation 23 - bar 31, "c" not playable under given instrument limitations

All other errata should be sent to steve@linuxsuite.org

Typeset using LilyPond © 2015 by Steve Shorter — Mutopia-2017/11/01-2203
Creative Commons Attribution ShareAlike 4.0 International License — free to distribute, modify, and perform