

UCLA

Contemporary Music Score Collection

Title

Millie's Math House Theme and Variations for String Orchestra

Permalink

<https://escholarship.org/uc/item/8xq3f2th>

Author

Hirshleifer, David

Publication Date

2025-01-17

Supplemental Material

<https://escholarship.org/uc/item/8xq3f2th#supplemental>

Copyright Information

This work is made available under the terms of a Creative Commons Attribution License, available at <https://creativecommons.org/licenses/by/4.0/>

Millie's Math House Theme and Variations

for String Orchestra

9/24/20 David Hirshleifer

Theme

Musical score for the first system (measures 1-5) of the 'Theme' section. The score is for a string orchestra and is in 4/4 time. The instruments are Violin I, Violin II, Viola, Violoncello, and Contrabass. The key signature has one flat (B-flat). The dynamics are marked *mf* (mezzo-forte) for Violin II and Contrabass. The Violin I part is mostly rests. The Violin II part plays a rhythmic pattern of eighth notes. The Viola part is mostly rests. The Violoncello part is mostly rests. The Contrabass part plays a pattern of quarter notes.

Musical score for the second system (measures 6-10) of the 'Theme' section. The score is for a string orchestra and is in 4/4 time. The instruments are Violin I, Violin II, Viola, Violoncello, and Contrabass. The key signature has one flat (B-flat). The dynamics are marked *mf* (mezzo-forte) for Violin II, Viola, and Violoncello, and *p* (piano) for Violin II. The Violin I part has a melodic line starting in measure 6. The Violin II part continues its rhythmic pattern. The Viola part is mostly rests. The Violoncello part has a melodic line starting in measure 6. The Contrabass part continues its pattern of quarter notes.

10

Vln. I

Vln. II

Vla.

Vc.

Cb.

p

mf

15

Variation I

Vln. I

Vln. II

Vla.

Vc.

Cb.

mf

p

19

Vln. I

Vln. II

Vla.

Vc.

Cb.

f

f

f

f

f

23

Vln. I

Vln. II

Vla.

Vc.

Cb.

mf

mf

mf

mf

mf

mp

mp

mp

mp

p

p

27

Vln. I *mf* *mp*

Vln. II *mf* *p*

Vla.

Vc. *mf* *mp*

Cb. *mf* *mp*

31

Variation II

Vln. I *mf* *f* *p* *mp*

Vln. II *mp* *mf*

Vla. *mf* *f* *p*

Vc. *mf* *f* *p*

Cb. *mf* *f* *p*

35

Vln. I

Vln. II

Vla.

Vc.

Cb.

mf

f

37

Vln. I

Vln. II

Vla.

Vc.

Cb.

mp

f

non legato

f

39

Vln. I

Vln. II

Vla.

Vc.

Cb.

mp

mp

mp

mp

41

Vln. I

Vln. II

Vla.

Vc.

Cb.

f

nonlegato

f

mp

mp

mp

mp

43

Vln. I

Vln. II

Vla.

Vc.

Cb.

mf

f

45

Variation III

Vln. I

Vln. II

Vla.

Vc.

Cb.

mp

f

mp

mf

f

mp

48

Musical score for measures 48-52, featuring five staves: Vln. I, Vln. II, Vla., Vc., and Cb. The score includes dynamic markings such as *mf* and *f*, and a triplet in the Vc. staff at measure 52.

53

Musical score for measures 53-57, featuring five staves: Vln. I, Vln. II, Vla., Vc., and Cb. The score includes dynamic markings such as *mf* and *f*.

64

64

Vln. I

Vln. II

Vla.

Vc.

Cb.

p *f* *mp*

p *f* *mp*

p *f* *mp*

p *f* *mp*

p *f* *mp*

mf *mp* *f* *mp*

Detailed description: This system of musical notation covers measures 64, 65, and 66. It features five staves: Violin I, Violin II, Viola, Violoncello, and Contrabass. The key signature has one sharp (F#). Measure 64 begins with a dynamic of *p*. Measure 65 contains a triplet of eighth notes in the first four staves and a triplet of eighth notes in the fifth staff, with a dynamic of *p*. Measure 66 features a dynamic of *f* in the first four staves and *mp* in the fifth staff. The system concludes with dynamics of *f* and *mp* across the staves.

67

67

Vln. I

Vln. II

Vla.

Vc.

Cb.

mf

Detailed description: This system of musical notation covers measures 67, 68, 69, and 70. It features five staves: Violin I, Violin II, Viola, Violoncello, and Contrabass. The key signature has one sharp (F#). Measure 67 begins with a dynamic of *mf*. Measures 68, 69, and 70 continue the musical texture with various rhythmic patterns and dynamics. The system concludes with a dynamic of *mf* in the fifth staff.

72

Vln. I

Vln. II

Vla.

Vc.

Cb.

mf

mf

mf

f

mf

Variation IV
poco piu allegro

77

poco rit.

a tempo

Vln. I

Vln. II

Vla.

Vc.

Cb.

pizz.

mf pizz.

81

Vln. I

Vln. II

Vla.

Vc.

Cb.

mp

mf

arco

pizz.

f

mf

85

Vln. I

Vln. II

Vla.

Vc.

Cb.

p

mp

p

mp

arco

mp

mf

mf

89

Vln. I

Vln. II

Vla.

Vc.

Cb.

p

p

mp

p

mp

mf

mp

mp

93

Vln. I

Vln. II

Vla.

Vc.

Cb.

mf

mf

mf

mf

pizz.

pizz.

97

Vln. I

Vln. II

Vla.

Vc.

Cb.

arco

pizz.

arco

pizz.

rit.

a tempo

mp *mf*

mp *f* *mf*

mp *mf*

101

Vln. I

Vln. II

Vla.

Vc.

Cb.

arco

arco

poco rit.

a tempo

$\text{♩} = 80$

Variation V

allegretto

104

Musical score for measures 104-105. The score is for five instruments: Vln. I, Vln. II, Vla., Vc., and Cb. The music is in 3/4 time. Measure 104 starts with a *mp* dynamic. Measure 105 starts with a *mf* dynamic. The Vln. I part features a melodic line with a slur. The Vln. II, Vla., and Vc. parts play a rhythmic accompaniment of eighth notes. The Cb. part plays a bass line with slurs and accents.

106

Musical score for measures 106-108. The score is for five instruments: Vln. I, Vln. II, Vla., Vc., and Cb. The music is in 3/4 time. Measure 106 starts with a *mp* dynamic. Measure 107 starts with a *mf* dynamic. Measure 108 starts with a *mp* dynamic. The Vln. I part features a melodic line with a slur. The Vln. II, Vla., and Vc. parts play a rhythmic accompaniment of eighth notes. The Cb. part plays a bass line with slurs and accents. There are dynamic markings *mf*, *mp*, and *mf* throughout the measures.

113 rit. a tempo a tempo

Vln. I
Vln. II
Vla.
Vc.
Cb.

p *mf*

This system contains measures 113 and 114. Measure 113 is marked *rit.* and *p*. Measure 114 is marked *a tempo* and *mf*. The score includes staves for Violin I, Violin II, Viola, Violoncello, and Contrabasso. The key signature has one sharp (F#).

115

Vln. I
Vln. II
Vla.
Vc.
Cb.

mp *mf*

This system contains measures 115 and 116. Measure 115 is marked *mp*. Measure 116 is marked *mf*. The score includes staves for Violin I, Violin II, Viola, Violoncello, and Contrabasso. The key signature has one sharp (F#).

117

Vln. I

Vln. II

Vla.

Vc.

Cb.

mp *mf* *rit.*

119

innocente e soave

Variation VI

piu ritard.

Vln. I

Vln. II

Vla.

Vc.

Cb.

mp *mp* *mp* *mp*

123

Vln. I

Vln. II

Vla.

Vc.

Cb.

mf *mp* *mf* *mp*

3 3 8 8

127

Vln. I

Vln. II

Vla.

Vc.

Cb.

mp *mf* *p* *mp*

mf *mp* *p* *mp*

mp *mf* *p* *mp*

mp *mf* *p* *mp*

8 8 *p* *mp*

p *mp*

131

Vln. I

Vln. II

Vla.

Vc.

Cb.

mf *mp* *f* *mp* *mf* *mp* *mp* *mf*

135

Vln. I

Vln. II

Vla.

Vc.

Cb.

mf *mp* *mf* *mp* *mf* *p* *mp* *mf* *mp* *mf* *p* *mf* *mp* *mf*

139

legato
poco più allegro

Vln. I

Vln. II

Vla.

Vc.

Cb.

p *mf* *mp* *mf* *mp* *p*

149

easing a tempo

Vln. I

Vln. II

Vla.

Vc.

Cb.

mf *mp* *f* *>mf*

f *mf*

Vln. I
Vln. II
Vla.
Vc.
Cb.

f *mp* *mf* *mp* *p*

poco rit.

a tempo

Vln. I
Vln. II
Vla.
Vc.
Cb.

f *mp* *mp*

166

Vln. I

Vln. II

Vla.

Vc.

Cb.

mf *mp* *mf* *mp* *mf*

171

vivo

Vln. I

Vln. II

Vla.

Vc.

Cb.

mp *mf* *mp* *p* *mf* *p* *mf* *p* *mf*

185

Vln. I

Vln. II

Vla.

Vc.

Cb.

pizz. arco *p* *mf* *mp* *p* *mf* pizz. arco

mp *mf* *mf* *ff* 3

189

Vln. I

Vln. II

Vla.

Vc.

Cb.

pizz. arco *mf* *mp* pizz. arco 3

mp arco pizz. *mf* *mp* *ff* arco *mf* *mp*

200 Variation VIII

pizz. 8

arco

arco

Vln. I

Vln. II

Vla.

Vc.

Cb.

p

mp

f

mp

f

mp

f

mf

f

ff

mp

f

mf

205

poco ritard.

ritard.

a tempo

Vln. I

Vln. II

Vla.

Vc.

Cb.

f

mf

f

mf

mp

mf

f

mf

mf

f

mf

mp

mp

219

Vln. I

Vln. II

Vla.

Vc.

Cb.

mf *f* *mf*

poco ritard.

ritard.

223

Variation IX

Vln. I

Vln. II

Vla.

Vc.

Cb.

mp *f* *mp* *f* *mf*

mp *f* *mp* *f* *mf*

mp *f* *mp* *f* *mf*

f *mp* *f*

poco rit.

Vln. I

Vln. II

Vla.

Vc.

Cb.

3 rit. *mf* *f*

3 rit. *mf* *f*

3 rit. *mf* *f*

3 rit. *mf* *f*

Vln. I

Vln. II

Vla.

Vc.

Cb.

rit. *mf* 3

5 *mf* 3

5 *mp* 3

f *mf* *f* *mf* *mp* 3

238

Vln. I

Vln. II

Vla.

Vc.

Cb.

poco rit.

a tempo

f *mf* *f* *mf* *f* *mp*

3 3 3

242

Vln. I

Vln. II

Vla.

Vc.

Cb.

mf *f* *mf* *f* *mf* *f* *mf* *mf* *mp*

5 5

Variation X

245 rit

Vln. I
mp *f*

Vln. II
mp *f*

Vla.
mp *f* 8

Vc.
mp *p* *f*

Cb.

248 allegro vivace

Vln. I
mf *f*

Vln. II
mf *f*

Vla.
mf *f*

Vc.
mf *f*

Cb.

250

Vln. I
Vln. II
Vla.
Vc.
Cb.

f *mf* *f*
f *mf* *f*
f *mf* *f*
mf *f*

8 8

mf *f*

Detailed description: This system of musical notation covers measures 250 and 251. It features five staves: Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Contrabasso (Cb.). The key signature has one sharp (F#) and the time signature is 3/4. In measure 250, Vln. I and Vln. II play chords, while Vc. and Vla. play eighth-note patterns. Vln. II has a dynamic marking of *f*. In measure 251, Vln. I and Vln. II play chords, Vc. and Vla. continue with eighth-note patterns, and Cb. plays a simple bass line. Dynamic markings include *mf* and *f* for various instruments. A bracket labeled '8' spans the eighth-note patterns in Vln. II and Vc. in measure 250.

252

Vln. I
Vln. II
Vla.
Vc.
Cb.

mf *f*
mf *f*
mf *f*
f *p*

Detailed description: This system of musical notation covers measures 252 and 253. It features five staves: Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Contrabasso (Cb.). The key signature has one sharp (F#) and the time signature is 3/4. In measure 252, Vln. I and Vln. II play chords, Vc. and Vla. play eighth-note patterns, and Cb. plays a simple bass line. Dynamic markings include *mf* and *f* for various instruments. In measure 253, Vln. I and Vln. II play chords, Vc. and Vla. continue with eighth-note patterns, and Cb. plays a simple bass line. Dynamic markings include *f* and *p* for various instruments.

254

Musical score for measures 254-255. The score is for five instruments: Vln. I, Vln. II, Vla., Vc., and Cb. The key signature has one sharp (F#) and the time signature is 3/4. Measure 254 starts with Vln. I and Vln. II playing chords, Vc. playing a sixteenth-note pattern, and Cb. playing a single note. Dynamic markings include *f* for Vln. II and Vc., and *mf* for Vln. I, Vla., and Cb. Measure 255 features a melodic line for Vln. I and Vln. II, with *mf* for Vln. I and Cb., and *p* for Vln. II. The instruction "non legato" is written above the Vln. I and Vln. II staves.

Vln. I *mf* non legato

Vln. II *f* *mf* non legato *p*

Vla. *mf* non legato

Vc. *f* *mf* non legato

Cb. *mf* non legato

256

Musical score for measures 256-257. The score is for five instruments: Vln. I, Vln. II, Vla., Vc., and Cb. The key signature has one sharp (F#) and the time signature is 3/4. Measure 256 features a melodic line for Vln. I and Vln. II, with *p* for Vln. I and Cb. Measure 257 continues the melodic lines for Vln. I and Vln. II, with *p* for Vln. II and Cb. The instruction "non legato" is written above the Vln. I and Vln. II staves.

Vln. I *p*

Vln. II *p*

Vla.

Vc.

Cb. *p*

Musical score for measures 258-260. The score is arranged in five staves: Vln. I, Vln. II, Vla., Vc., and Cb. The music is in 3/4 time. Measures 258 and 259 show a melodic line in the strings with dynamics *mf* and *f*. Measure 260 features a more complex texture with eighth-note patterns in the lower strings and a melodic line in the upper strings. Dynamics include *mf* and *f*. An 8-measure rest is indicated in the Cb. staff.

Musical score for measures 260-262. The score is arranged in five staves: Vln. I, Vln. II, Vla., Vc., and Cb. The music continues from measure 260. Measures 260 and 261 show a melodic line in the strings with dynamics *mf* and *f*. Measure 262 features a more complex texture with eighth-note patterns in the lower strings and a melodic line in the upper strings. Dynamics include *mf* and *f*. An 8-measure rest is indicated in the Cb. staff.

gioioso

262

Score for measures 262-263. The system includes five staves: Vln. I, Vln. II, Vla., Vc., and Cb. The music is in 3/4 time. Measure 262 features a dynamic of *f* for the strings. Measure 263 is marked *gioioso* and features a dynamic of *mf* for the strings. The Vln. I part has a slur over the first two notes of the measure. The Vln. II part has a slur over the first two notes of the measure. The Vla. part has a slur over the first two notes of the measure. The Vc. part has a slur over the first two notes of the measure. The Cb. part has a slur over the first two notes of the measure.

264

Score for measures 264-265. The system includes five staves: Vln. I, Vln. II, Vla., Vc., and Cb. The music is in 3/4 time. Measure 264 features a dynamic of *f* for the strings. Measure 265 features a dynamic of *f* for the strings. The Vln. I part has a slur over the first two notes of the measure. The Vln. II part has a slur over the first two notes of the measure. The Vla. part has a slur over the first two notes of the measure. The Vc. part has a slur over the first two notes of the measure. The Cb. part has a slur over the first two notes of the measure.

Musical score for five instruments: Vln. I, Vln. II, Vla., Vc., and Cb. The score is divided into two measures. The first measure contains dynamics *f* and *mf*. The second measure contains the marking *rit.* and dynamics *mp* and *f*. The Vln. I part starts with a *p* dynamic. The Vln. II part includes accents (*v*) in the second measure. The Vla. part has a *mf* dynamic. The Vc. part has a *f* dynamic. The Cb. part has a *f* dynamic. The score concludes with a double bar line and repeat dots.