

# ***The Pendulum Swings***

*for Flute/Piccolo, Bass Trombone, Piano, Violin, and Double Bass*

Perusal Copy Only

***Timothy Kramer***

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## **Performance Notes**

- This work does not require a conductor, but it is strongly suggested.
- The flute player doubles on piccolo. There is one low B for the flute part in m. 68. If that note is not available on the instrument, the D from the previous measure may be held over in its place.
- The double bass does not need a C extension.
- The piano may use the pedal as needed at the end of the piece (m. 264 and 278) in order to more easily change registers.

**Duration: 7'45"**

## **Program Notes**

Many of my works from the 1990s (e.g., *Cycles and Myths*; *Mimetic Variations*) were influenced by my interest in how cycles - whether economic, political, or cultural - tend to mimic themselves. I have also noticed that when cycles begin to turn, the contrasts can be very extreme. (Think of our current political climate or our recent weather patterns.) In *The Pendulum Swings* I take the dimensions of repetition and contrast into the world of a chamber music group, where one repeated section of music is contrasted with dramatically different iterations.

The music that starts the piece contains all the elements of extreme polar opposites: high and low registers, consonance and dissonance, fast and slow tempi, angular and static motion, and so on. My instrumentation supports these contrasts in pairs of high and low instruments (violin with double bass, flute with bass trombone) and the piano plays an important role as a mediator sometimes with a glissando that swings through the center range of the instrument.

This opening material leads us into different contrasting sections: a static, slow section where the double bass eventually plays above the flute; a very high, bright dance where the trombone is voiced above the violin; a section with rapidly moving scales that wrap themselves around the bass trombone and double bass. The closing section juxtaposes very high, consonant thirds with a very low, percussive cluster. In this short eight-minute piece the music is, essentially, a variant of what we have already heard, but the cycle takes us from one extreme to another.

# The Pendulum Swings

for Ensemble *Mise-en* and conductor Moon Young Ha

Timothy Kramer

Forceful; With Anticipation (♩ = 152)

The musical score is arranged in five systems. The first system includes parts for Flute, Bass Trombone, Piano, Violin, and Double Bass. The Flute part begins with a *ff* dynamic and a melodic line. The Bass Trombone part starts with a *ff* dynamic and a rhythmic pattern. The Piano part is marked *ff* and features a bass line. The Violin part is marked *ff* and includes a *pizz.* instruction. The Double Bass part is marked *ff* and provides a rhythmic foundation. The second system continues the first system's parts. The third system introduces a Flute (Fl.) part and a Bass Trombone (B. Tbn.) part, with the latter marked *sub. ppp*. The Piano (Pno.) part continues. The Violin (Vln.) and Double Bass (D.B.) parts continue. A large watermark 'Perusal Copy Only' is overlaid diagonally across the score.

10

Fl. *ff*

B. Tbn. *fff*

Pno. *ff*

Vln. *ff*

D.B. *ff*

13

Fl.

B. Tbn.

Pno. *ff*

Vln. *ff*

D.B.

This musical score page contains measures 15 through 17 for five instruments: Flute (Fl.), Trombone (B. Tbn.), Piano (Pno.), Violin (Vln.), and Double Bass (D.B.).

- Flute (Fl.):** Measures 15-17 feature a melodic line with triplets and slurs. Measure 15 starts with a fortissimo (*ff*) dynamic. Measure 17 ends with a 3/4 time signature.
- Trombone (B. Tbn.):** Measures 15-17 feature a bass line with triplets and slurs. Measure 15 starts with a fortissimo (*ff*) dynamic. Measure 17 ends with a 3/4 time signature.
- Piano (Pno.):** Measures 15-17 feature a complex accompaniment with slurs and ties. Measure 15 starts with an 8va (octave) marking. Measure 17 ends with a 3/4 time signature.
- Violin (Vln.):** Measures 15-17 feature a melodic line with slurs and ties. Measure 15 starts with an 8va (octave) marking. Measure 17 ends with a 3/4 time signature.
- Double Bass (D.B.):** Measures 15-17 feature a bass line with slurs and ties. Measure 15 starts with an 8va (octave) marking. Measure 17 ends with a 3/4 time signature.

Additional markings include *arco* for the Double Bass in measure 15 and various dynamic markings such as *f* and *ff*. A large diagonal watermark "Perusal Copy Only" is present across the score.



25

Fl. *ff*

B. Tbn.

Pno. *ff*

Vln. *ff*

D.B. *ff*

Fl. *ff*

B. Tbn.

Pno. *ff*

Vln. *ff*

D.B. *ff*

27

29

Fl. *28*

B. Tbn. *28*

Pno. *28*

Vln. *28*

D.B. *28*

*ff*

*arco*

*mute on*

*ff*

35

Soft; Calm; Static  
(♩ = c. 101)

Fl. *30*

B. Tbn. *30*

Pno. *30*

Vln. *30*

D.B. *30*

*sub. pp*

*mute on*

*con sord.*

*sub. pp*



40

Floating (in two ♩ = c. 50)

36 *flutter*

Fl. *ppp*  
*con sord.*

B. Tbn. *ppp*

Pno. *ppp*

Vln. *bisbigliando*  
*pp*

D.B. *non vib.*  
*ppp* *pp* *poco a poco sul ponticello*

46

43

Fl. *pp*

B. Tbn.


Pno. *bisbigliando*  
*ppp una corda*

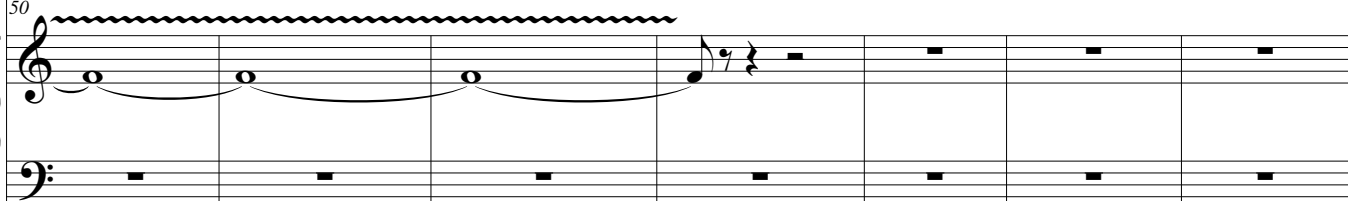
Vln.

D.B. *sul pont.*

53

Fl. 

B. Tbn. 

Pno. 

Vln. 

D.B. 

*ppp*

*ord.*

58

Fl. 

B. Tbn. 

Pno. 

Vln. 

D.B. 

*pp*

*mute out*

*ppp*

*ppp*  
*una corda*

*bisbigliando*

66

Fl. *ppp* *Leg.*

B. Tbn.

Pno. *ppp* *Leg.*

Vln. *harm. sul G - actual concert pitch L.v. sul A*

D.B.

73

Fl.

B. Tbn.

Pno. *\* ppp Leg.*

Vln. *mute off*

D.B. *concert pitch (yield): sul D*

**79** Tempo I (♩ = 152)

Fl.

B. Tbn. *senza sord.*  
*pppp*

Pno.

Vln.

D.B.

**84**

Fl. *ff*

B. Tbn. *fff*

Pno. *ff* *tre corde*

Vln. *senza sord.* *ff*

D.B. *pizz.* *ff*

87

Fl.

B. Tbn.

Pno. *ff*

Vln.

D.B.

89

Fl.

B. Tbn.

Pno.

Vln.

D.B.

*f*

*arco*

*ff*

91

Fl.

B. Tbn.

Pno.

Vln.

D.B.

92

Fl.

B. Tbn.

Pno.

Vln.

D.B.

94

Fl.

B. Tbn.

Pno.

Vln.

D.B.

Musical score for measures 94-98. The score is arranged in five systems. The first system contains Flute (Fl.), Bass Trombone (B. Tbn.), and Piano (Pno.). The second system contains Violin (Vln.) and Double Bass (D.B.). The third system contains Piano (Pno.). The fourth system contains Violin (Vln.) and Double Bass (D.B.). The fifth system contains Piano (Pno.). The time signature changes from 2/4 to 3/4 and back to 2/4. Dynamics include *v*, *pp*, *ff*, and *pizz.*. There are also markings for accents (*^*) and a fermata.

**99**

Fl.

B. Tbn.

Pno.

Vln.

D.B.

Musical score for measures 99-100. The score is arranged in five systems. The first system contains Flute (Fl.). The second system contains Bass Trombone (B. Tbn.). The third system contains Piano (Pno.). The fourth system contains Violin (Vln.). The fifth system contains Double Bass (D.B.). The time signature is 4/4. Dynamics include *ff*. There are markings for accents (*^*) and a fermata. The piano part features a wavy line and a series of notes with a slur. The violin part has a marking for *8va* and *LH*.

Fl. *take Piccolo*

B. Tbn.

Pno.

Vln.

D.B.

101

101

101

101

101

8va

8va

\* Leo.

\* Leo.

**104**

Picc.

B. Tbn.

Pno.

Vln.

D.B.

104

104

104

104

104

\* Leo.

arco

v

v

v

v

v



**110**

**Dancing; Slightly Slower**

107 (Picc.) *f* *mf* ( $\text{♩} = 144$ )

Picc.

B. Tbn.

Pno. *ff* *f* *mf*

Vln. *ff* *f* *mf*

D.B. *ff*

112

Picc.

B. Tbn.

Pno. *ff* *f* *mf*

Vln. *ff* *f* *mf*

D.B.

117

Picc. *116*

B. Tbn. *116*

Pno. *116* *8va*

Vln. *116* *8va* *pizz.*

D.B.

Picc. *119*

B. Tbn. *119*

Pno. *119* *8va*

Vln. *119* *(8va)* *8va*

D.B.

123

Picc. 122

B. Tbn. 122

Pno. 122 *8va*

Vln. 122 *(8va)* arco

D.B. 122

Picc. 125

B. Tbn. 125

Pno. 125 *(8va)* LH

Vln. 125

D.B. 125

*Red.*

128

Picc.

B. Tbn.

Pno.

Vln.

D.B.

128

*con sord.*

*mf*

*f*

*pizz.* *8va*

131

Picc.

B. Tbn.

Pno.

Vln.

D.B.

131

*arco* *pizz.* *arco* *pizz.* *arco*

*8va*

*Red.*

134 Picc. *mf* **136** *take Flute*

B. Tbn. *mf* *mp*

Pno. *mf* *dim.* *mp*

Vln. *mf* *f* *pizz.* *arco* *pizz.* *mf*

D.B. *mf*

137 Picc.

B. Tbn. *mp* *p* *p*

Pno. LH *p* LH

Vln. *mp* *pizz.* *arco*

D.B. *mp* *dim.*

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140

Fl.

B. Tbn.

Pno.

Vln.

D.B.

*pp*

*p*

*pp*

*pizz.*

*p*

*una corda*

LH

143

Fl.

B. Tbn.

Pno.

Vln.

D.B.

*pp*

*p*

*pp*

*arco*

*p*

*pp*

*pizz.*

146 **147** *accel.* -----

Fl.

B. Tbn.

Pno.

Vln.

D.B.

*ppp*

*ppp*

*pp* *ppp*

**153** ----- *Tempo I* (♩ = 152)

Fl.

B. Tbn.

Pno.

Vln.

D.B.

*ff*

*fff*

*ff*

*arco*

*ff* *pizz.* *ff*

156

Fl.

B. Tbn.

Pno.

Vln.

D.B.

158

Fl.

B. Tbn.

Pno.

Vln.

D.B.

senza sord.

arco

*ff*



160

Fl.

B. Tbn.

Pno.

Vln.

D.B.

3

3

3

3

3

3

ff

8<sup>va</sup>

5

5

3

3

162

Fl.

B. Tbn.

Pno.

Vln.

D.B.

ffp

ffp

ff

8<sup>va</sup>

ffp

165

Fl. *ff*

B. Tbn. *ff*

Pno. *ff*

Vln. *ff*

D.B. *ff*

Ad.

8va

168 *agitated; sharp*

Fl. *ff*

B. Tbn.

Pno. *ff secco*

Vln. *ff*

D.B.

173

Wild; Furious and Forceful (♩ = 152)

This musical score page contains measures 171 through 174. The tempo is marked as 'Wild; Furious and Forceful' with a quarter note equal to 152 beats per minute. The score is arranged for five instruments: Flute (Fl.), Bass Trombone (B. Tbn.), Piano (Pno.), Violin (Vln.), and Double Bass (D.B.).

**Measure 171:** Flute and Bass Trombone play a quarter note chord (A4, Bb4) in the first half, followed by a whole rest. In the second half, they play a sixteenth-note triplet (A4, Bb4, A4) followed by a quarter rest. Piano plays a similar triplet in the right hand and a quarter note chord (A4, Bb4) in the left hand. Violin and Double Bass play a quarter note chord (A4, Bb4) in the first half, followed by a whole rest. In the second half, they play a quarter note chord (A4, Bb4) followed by a quarter rest.

**Measure 172:** Flute and Bass Trombone play a quarter rest, followed by a half note chord (A4, Bb4) in the second half. Piano plays a quarter rest, followed by a half note chord (A4, Bb4) in the second half. Violin and Double Bass play a quarter rest, followed by a half note chord (A4, Bb4) in the second half.

**Measure 173:** Flute and Bass Trombone play a quarter rest, followed by a half note chord (A4, Bb4) in the second half. Piano plays a quarter rest, followed by a half note chord (A4, Bb4) in the second half. Violin and Double Bass play a quarter rest, followed by a half note chord (A4, Bb4) in the second half.

**Measure 174:** Flute and Bass Trombone play a quarter rest, followed by a half note chord (A4, Bb4) in the second half. Piano plays a quarter rest, followed by a half note chord (A4, Bb4) in the second half. Violin and Double Bass play a quarter rest, followed by a half note chord (A4, Bb4) in the second half.

Dynamic markings include *p* (piano) and *fff* (fortississimo). A large diagonal watermark 'Perusal Copy Only' is overlaid across the score.

This musical score page contains measures 176 through 178. It features five staves: Flute (Fl.), Trombone (B. Tbn.), Piano (Pno.), Violin (Vln.), and Double Bass (D.B.).

- Measure 176:** Flute and Piano play melodic lines with slurs. Trombone and Double Bass play rhythmic accompaniment. Dynamic markings include *p* and *fff*.
- Measure 177:** Similar instrumental textures. Dynamic markings include *fff* and *p*.
- Measure 178:** Flute has a boxed measure number '178'. The score continues with complex melodic and rhythmic patterns across all instruments. Dynamic markings include *p* and *fff*.

A large watermark 'Perusal Copy Only' is oriented diagonally across the page.

This musical score page contains five systems of staves for various instruments. The instruments are Flute (Fl.), B. Tbn. (Bass Trombone), Piano (Pno.), Violin (Vln.), and D. B. (Double Bass). The score is divided into two main sections, each starting at measure 180. The first section covers measures 180 to 181, and the second section covers measures 182 to 183. Dynamic markings include *p* (piano), *mf* (mezzo-forte), and *fff* (fortissimo). A large watermark reading "Perusal Copy Only" is oriented diagonally across the center of the page.

180

Fl.

B. Tbn.

Pno.

Vln.

D.B.

*fff*

*p* *fff*

*mf* *fff*

182

Fl.

B. Tbn.

Pno.

Vln.

D.B.

*mf* *fff*

*mf* *fff*

184

Fl. *ff*

B. Tbn. *mf* *fff* *ffp* *8<sup>va</sup>*

Pno. *ff* *f*

Vln. *ff*

D.B. *mf*

Fl. *ff*

B. Tbn. *ff* *mf* *(8<sup>va</sup>)*

Pno. *ff*

Vln. *ff*

D.B. *ff* *mf*

188

Fl.

B. Tbn.

Pno.

Vln.

D.B.

*mf* *ff* *mf*

*mf* *ff* *mf*

190

Fl.

B. Tbn.

Pno.

Vln.

D.B.

*ff* *f* *f*

*ff* *f*

*ff* *f*

*f*

8va

8va

8va

Perusal Copy Only

Detailed description: This is a page of a musical score for measures 188-190. The score is arranged in five systems, each containing staves for different instruments: Flute (Fl.), Bass Trombone (B. Tbn.), Piano (Pno.), Violin (Vln.), and Double Bass (D.B.). The time signature is 3/4. Measure 188 shows the Flute and Violin parts with rests, while the B. Tbn., Piano, and D.B. parts have active lines. The Piano part features a complex rhythmic pattern with many beamed notes. Dynamic markings include *mf* (mezzo-forte) and *ff* (fortissimo). A '8va' marking with a dashed line indicates an octave shift for the B. Tbn. part. Measure 189 continues the patterns, with the Flute and Violin parts becoming more active. Measure 190 shows a change in the Flute and Violin parts, with the Flute playing a melodic line and the Violin playing a rhythmic accompaniment. The B. Tbn. and D.B. parts have rests, while the Piano part continues its rhythmic pattern. A large watermark 'Perusal Copy Only' is overlaid diagonally across the page.

193

192

Fl.

B. Tbn.

Pno.

Vln.

D.B.

*ffp*

*ffp*

*ffp*

*ffp*

*ffp*

194

Fl.

B. Tbn.

Pno.

Vln.

D.B.

*f*

*ff*

*ff*

*f*

*ff*

*f*

*pizz.*

*ff*

*ff*



196

Fl.

B. Tbn.

Pno.

Vln.

D.B.

*f*

arco

Detailed description: This block contains the first system of musical notation, measures 196 to 200. It features five staves: Flute (Fl.), Bass Trombone (B. Tbn.), Piano (Pno.), Violin (Vln.), and Double Bass (D.B.). The Flute part has rests in measures 196-198 and enters in measure 199. The Bass Trombone part starts in measure 196 with a forte (*f*) dynamic. The Piano part has a complex texture with many sixteenth notes. The Violin part has rests in measures 196-198 and enters in measure 199. The Double Bass part has rests in measures 196-198 and enters in measure 199 with the instruction 'arco'. A large diagonal watermark 'Perusal Copy Only' is overlaid on the score.

201

199

Fl.

B. Tbn.

Pno.

Vln.

D.B.

*ff*

*fff*

*ff*

Detailed description: This block contains the second system of musical notation, measures 199 to 201. It features five staves: Flute (Fl.), Bass Trombone (B. Tbn.), Piano (Pno.), Violin (Vln.), and Double Bass (D.B.). The Flute part starts in measure 199 with a forte (*ff*) dynamic. The Bass Trombone part has rests in measures 199-200 and enters in measure 201. The Piano part has a complex texture with many sixteenth notes. The Violin part starts in measure 199 with a forte (*ff*) dynamic. The Double Bass part has rests in measures 199-200 and enters in measure 201 with a fortissimo (*fff*) dynamic. A large diagonal watermark 'Perusal Copy Only' is overlaid on the score.

203

Fl.

B. Tbn.

Pno.

Vln.

D.B.

205

209

Presto (♩ = 203)

Fl.

B. Tbn.

Pno.

Vln.

D.B.

*ff*

*f*

*ff*

*ff*

This musical score page contains five systems of staves for various instruments. The first system (measures 212-215) includes Flute (Fl.), Bass Trombone (B. Tbn.), Piano (Pno.), Violin (Vln.), and Double Bass (D.B.). The Flute part features a melodic line with trills and triplets, marked with *fff* and a fermata at measure 215. The Bass Trombone part has a simple harmonic accompaniment, also marked *fff*. The Piano part consists of intricate triplet patterns in both hands, marked with *f* and *fff*. The Violin part plays a rhythmic triplet accompaniment, marked *fff*. The Double Bass part provides a steady harmonic accompaniment, marked *fff*. The second system (measures 217-220) shows the Flute and Violin parts with long, sustained notes and fermatas, while the Bass Trombone, Piano, and Double Bass parts are mostly silent or have minimal accompaniment. A large, diagonal watermark reading "Perusal Copy Only" is overlaid across the entire page.

223 **225**

Fl.

B. Tbn.

Pno.

Vln.

D.B.

229

Fl.

B. Tbn.

Pno.

Vln.

D.B.

Musical score for measures 235-241, featuring Flute (Fl.), Trombone (B. Tbn.), Piano (Pno.), Violin (Vln.), and Double Bass (D.B.).

**Measures 235-241:**

- Fl.:** Measures 235-241. Measure 237 is boxed. Dynamics: *mf* (measures 235-236), *mp* (measures 237-241).
- B. Tbn.:** Measures 235-241. Rested.
- Pno.:** Measures 235-241. Left hand: triplets of eighth notes. Right hand: chords. Dynamics: *mf* (measures 235-236), *p* (measures 237-241).
- Vln.:** Measures 235-241. Dynamics: *f* (measures 235-236), *mf* (measures 237-238), *mp* (measures 239-241).
- D.B.:** Measures 235-241. Dynamics: *mf* (measures 235-236), *mp* (measures 237-241).

**Measures 241-245:**

- Fl.:** Measures 241-245. Dynamics: *p* (measures 241-242), *pp* (measures 243-245).
- B. Tbn.:** Measures 241-245. Rested.
- Pno.:** Measures 241-245. Left hand: triplets of eighth notes. Right hand: chords. Dynamics: *mp* (measures 241-242), *pp* (measures 243-245).
- Vln.:** Measures 241-245. Dynamics: *p* (measures 241-242), *dim.* (measures 243-244), *pp* (measures 245).
- D.B.:** Measures 241-245. Dynamics: *mp* (measures 241-242), *pp* (measures 243-245).

Slower; More Forceful Again (♩ = 152)

247

Fl.

B. Tbn.

Pno.

Vln.

D.B.

*sub. fff*

Detailed description: This system covers measures 247 to 251. The Flute (Fl.) and Violin (Vln.) parts feature long, sustained notes with slurs, indicating a slow tempo. The Piano (Pno.) part begins with triplets in both hands, followed by a section marked *sub. fff* (subito fortissimo) with a dense, rhythmic accompaniment. The Bass Trombone (B. Tbn.) and Bass Drum (D.B.) parts are mostly silent, with the D.B. showing a rhythmic pattern of eighth notes in the final measure.

252

Fl.

B. Tbn.

Pno.

Vln.

D.B.

*sub. ff*

*sub. ff*

*sub. ff*

Detailed description: This system covers measures 252 to 256. The Flute (Fl.) and Violin (Vln.) parts continue with long, sustained notes and slurs. The Piano (Pno.) part maintains a dense, rhythmic accompaniment. The Bass Trombone (B. Tbn.) part has a few notes in measure 252, followed by a section marked *sub. ff* (subito fortissimo) in measure 256. The Bass Drum (D.B.) part has a rhythmic pattern of eighth notes in the final measure, also marked *sub. ff*.

254

Fl.

B. Tbn.

Pno.

Vln.

D.B.

257

Fl.

B. Tbn.

Pno.

Vln.

D.B.

260

Fl. 259

B. Tbn. 259

Pno. 259

Vln. 259

D.B. 259

264

Fl. 264

B. Tbn. 264

Pno. 264

Vln. 264

D.B. 264



270 **274**

Fl. *ffp* *ff* *sub. ppp*

B. Tbn.

Pno.

Vln. *ffp* *ff* *sub. ppp* *sul tasto (non vib.)*

D.B. *v v*

**278** **282**

Fl. *fff*

B. Tbn.

Pno. *8va*

Vln. *ord.* *sub. fff*

D.B. *v v* *sub. ppp*

284

Fl.

B. Tbn.

Pno.

Vln.

D.B.

sub. *ppp*

*ppp*

292

Fl.

B. Tbn.

Pno.

Vln.

D.B.

*a tempo*

*pp* *ffff*

*p* *ffff* *ff*

*ff*

*pp* *ffff* *ff*

*pizz.*

*p* *ffff* *ff*

Red.

\*