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Title

Phases

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Hangrui Zhang

Phases
for orchestra
(2017)

Full Score

Instruments:

3 Flutes (flute 3 doubling Piccolo)
3 Oboes (oboe 3 doubling English Horn)
3 Clarinets in B \flat
3 Bassoons

4 Horns in F
3 Trumpets in C
2 Trombone
1 Bass Trombone
1 Tuba

Timpani

Percussion 1: Suspended Cymbal, Snare Drum, Glockenspiel, Marimba, Slapstick

Percussion 2: Tam-tam, Snare Drum, Bass Drum, Crotales, Triangle, Vibraphone, Xylophone,
Slapstick

Percussion 3: Tam-tam, Triangle, Tubular Bells, Crotales, Vibraphone, Snare Drum, Bass Drum,
Tenor Drum

Harp

Piano

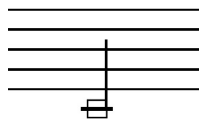
Strings

Score in C

Duration: ca. 8 minutes

Performance Note:

Strings:



Scratch tone: dampen the string, use very heavy bow pressure and very slow bow speed to create a heavy scratchy pitchless sound.



Overpressure: Use heavier bow pressure to create a distortion sound. It should be a pitched sound with distorted noise.

Woodwinds and Brass:

Flutter tongue is notated with tremolo notation.

Mutes for all brass instruments should be straight metal mute.

Percussion:

Choices for mallets: If not indicated in the score, the choice of mallets of all the percussion instruments is decided by performers, as long as it fits the nature of the texture.

Piano:

If pedal is not specified, use pedal lightly according to the nature of the textures.

Phases

Energetic ♩ = c. 120

Hangrui Zhang (2017)

The score is arranged in a standard orchestral format with the following parts:

- Flutes:** Flute 1, Flute 2, Flute 3
- Oboes:** Oboe 1, Oboe 2
- English Horn:** English Horn
- Clarinets:** Clarinet in Bb 1, Clarinet in Bb 2, Clarinet in Bb 3
- Bassoons:** Bassoon 1, Bassoon 2, Bassoon 3
- Horns:** Horn in F 1, Horn in F 2, Horn in F 3, Horn in F 4
- Trumpets:** Trumpet in C 1, Trumpet in C 2, Trumpet in C 3
- Trombones:** Trombone 1, Trombone 2, Bass Trombone
- Tuba:** Tuba
- Timpani:** Timpani
- Percussion:** Percussion 1 (Marimba), Percussion 2 (Xylophone), Percussion 3 (Crotales)
- Harp:** Harp
- Piano:** Piano
- Strings:** Violin I, Violin II, Viola, Violoncello, Contrabass

Key performance instructions include:

- Flutes:** *ff* (fortissimo), *p* (piano)
- Clarinets:** *pp* (pianissimo), *ff* (fortissimo)
- Trumpets:** *f* (forte), *ff* (fortissimo), *con sord.* (con sordina)
- Trombones:** *fp* (fortissimo piano), *f* (forte), *ff* (fortissimo), *con sord.* (con sordina)
- Violins:** *pp* (pianissimo), *ff* (fortissimo), *scratch*, *ord.* (ordinario), *div. a 2* (diviso a 2), *unis. overpressure* (unisono overpressure)
- Violoncello:** *pp* (pianissimo), *ff* (fortissimo), *ord.* (ordinario), *div. a 2* (diviso a 2)

* dampen the string at highest fingering position, then gliss down to the notated position on beat 4, keep the bow speed slow until beat 4.

FL. 1, FL. 2, FL. 3, Ob. 1, Ob. 2, Ob. 3, Cl. 1, Cl. 2, Cl. 3

Hn. 1, Hn. 2, Hn. 3, Hn. 4, C Tpt. 1, C Tpt. 2, C Tpt. 3, Tbn. 1, Tbn. 2, B. Tbn., Tba., Timp.

Perc. 1, Perc. 2, Perc. 3, Hp., Pno.

Vin. I, Vin. II, Vla. div. a 2, Vc., Cb.

21 22 23 24 25

Fl. 1 *ff* *3*

Fl. 2 *ff* *3*

Fl. 3 *ff* *3*

Ob. 1 *ff*

Ob. 2 *ff* *3*

Cl. 1 *ff* *3*

Cl. 2 *ff* *3*

Bsn. 1 *ff* *3*

Bsn. 2 *ff* *3*

Bsn. 3 *ff* *3*

Hn. 1 *ff* *3*

Hn. 2 *ff* *3*

Hn. 3 *ff* *3*

Hn. 4 *ff* *3*

C Tpt. 1 *ff* *3* con sord.

C Tpt. 2 *ff* *3* con sord.

Tbn. 1 *ff*

Tbn. 2 *ff*

Timp. *ff* *3*

Perc. 2 Xylophone *ff* *6*

Hp. *ff* *3* gliss.

Pno. *ff espress.* *3* *6* solo

Vln. I *pizz.* *arco* *col legno battuto* *ff* *sim.* *ord.* *6*

Vln. I div. a 2 *pizz.* *arco* *col legno battuto* *ff* *sim.* *ord.* *6*

Vln. II *pizz.* *arco* *col legno battuto* *ff* *sim.* *ord.* *6* au talon, overpressure

Vln. II div. a 2 *pizz.* *arco* *col legno battuto* *ff* *sim.* *ord.* *6* au talon, overpressure

Vla. *ff* *col legno battuto* *sim.* *ord.* *6* au talon, overpressure

Vla. div. a 2 *ff* *col legno battuto* *sim.* *ord.* *6* au talon, overpressure

Vc. *ff* *unis.* *col legno battuto* *sim.* *ord.* *6*

Cb. *pizz.* *div. a 3* *mp* *div. a 4*

26 **C** **4/4** 27 28 29 30 31

Fl. 1 *ff* *ff* *ff* *ff* *ff* *p*

Fl. 2 *ff* *ff* *ff* *ff* *ff*

Fl. 3 *ff* *ff* *ff* *ff* *ff*

Ob. 1 *ff* *ff* *ff* *ff* *ff*

Ob. 2 *ff* *ff* *ff* *ff* *ff*

Ob. 3 *ff* *ff* *ff* *ff* *ff*

Cl. 1 *ff* *ff* *ff* *ff* *ff*

Cl. 2 *ff* *ff* *ff* *ff* *ff*

Cl. 3 *ff* *ff* *ff* *ff* *ff*

Bsn. 1 *ff* *ff* *ff* *ff* *ff*

Bsn. 2 *ff* *ff* *ff* *ff* *ff*

Bsn. 3 *ff* *ff* *ff* *ff* *ff*

Hn. 1 *ff* *ff* *ff* *ff* *ff*

Hn. 2 *ff* *ff* *ff* *ff* *ff*

Hn. 3 *ff* *ff* *ff* *ff* *ff*

Hn. 4 *ff* *ff* *ff* *ff* *ff*

C Tpt. 1 *ff* *ff* *mf* *ff* *p*

C Tpt. 2 *ff* *ff* *mf* *ff*

C Tpt. 3 *ff* *ff* *mf* *ff*

Tbn. 1 *ff* *ff* *mf poco* *ff*

Tbn. 2 *ff* *ff* *mf poco* *ff*

B. Tbn. *ff* *ff* *mf poco* *ff*

Tba. *ff* *ff* *ff* *ff*

Tim. *ff* *ff* *ff* *ff*

Perc. 1 Snare Drum *ff* *mf poco* *ff*

Perc. 2 Xylophone *ff* *ff* *ff*

Perc. 3 Crotales *ff* *ff* *ff*

Tubular Bells *ff* *ff* *ff*

Hp. *ff* *ff* *ff* *ff* *f* *ff* *fff*

Pno. *ff* *ff* *ff* *ff*

Vin. I *ff* *ff* *ff* *f* *ff*

Vin. II *ff* *ff* *ff* *f* *ff*

Vla. *ff* *ff* *ff* *f* *ff*

Vc. *ff* *ff* *ff* *p* *ff*

Cb. *ff* *ff* *ff* *p* *ff*

Cymbal *ff*

Tam-tam *f*

hit the center

sim.

div. a 2 ord.

un. ord.

arco unis.

32 33 34 35 36 37

Fl. 1 *f*

Fl. 2 *p* *f*

Fl. 3 *p* *f*

Ob. 1 *p* *f*

Ob. 2 *p* *f*

Ob. 3 *f*

Cl. 1 *p* *f*

Cl. 2 *p* *f*

Cl. 3 *f*

Bsn. 1 *f*

Bsn. 2 *f*

Bsn. 3 *ff*

Hn. 1 *ff*

Hn. 2 *f* *ff*

Hn. 3 *ff*

Hn. 4 *f* *ff*

C Tpt. 1 *f* *ff*

C Tpt. 2 *p* *f* *ff*

C Tpt. 3 *p* *f* *ff*

Tbn. 1 *f* *ff*

Tbn. 2 *f* *ff*

B. Tbn. *ff*

Tba. *ff*

Timp. *ff* normal

Perc. 1 *ff* Snare Drum

Perc. 2 *ff subito* Slapstick Bass Drum

Vln. I *arco sul tasto* *p* *f* *ff* *ord.* *unis.* *div. a 2*

Vln. II *arco sul tasto* *p* *f* *ff* *ord.* *unis.* *div. a 2*

Vla. div. a 2 *arco* *p poco* *ff*

Vc. div. a 2 *arco* *p poco* *f* *ff*

Cb. div. a 2 *arco* *f* *ff*

3/4 **4/4** **2/4**

38 **D** $\frac{4}{4}$ 39 40 41 42

Fl. 1 *p* *f* *ff*

Fl. 2 *p* *f* *ff*

Fl. 3

Ob. 1 *ff*

Ob. 2 *ff*

Ob. 3 *ff*

Cl. 1 *p* *f* *ff*

Cl. 2 *p* *f* *ff*

Cl. 3

Bsn. 1 *ff* *p* *f* *ff*

Bsn. 2 *ff* *p* *f* *ff*

Bsn. 3 *ff*

Hn. 1 *f* *ff*

Hn. 2 *ff*

Hn. 3 *p* *f* *f* *ff*

Hn. 4 *ff*

C Tpt. 1 *f* *ff* senza sord.

C Tpt. 2 *f* *ff* senza sord.

C Tpt. 3 *f* *ff* senza sord.

Tbn. 1 *ff* *ff* senza sord.

Tbn. 2 *ff*

B. Tbn. *ff*

Tba. *f* *ff*

Timp. *ff* hit the center

Perc. 1 Glockenspiel *ff*

Perc. 2 Xylophone *ff*

Perc. 3 Vibraphone *ff* Crotales *ff*

Hp. *ff* Eb

Pno. *ff*

Vln. I *ff* pizz. *ff* arco *ff*

Vln. II *ff* pizz. *ff* arco *ff*

Vla. *ff* div. a 2 *ff*

Vc. *ff* pizz. *ff* arco *ff* unis. *ff*

Cb. *ff* *f* *ff*

* dampen the string at the notated fingering position, then gliss to the notated position on beat 3, keep the bow speed slow until beat 3.

84 85 86 87 88 89 90

Vln. I
div. a 4

Vln. II
div. a 4

Vla.
div. a 2

Vc.
div. a 2

91 92 93 94 95 96 97

Hp.

Vln. I
div. a 4

Vln. II
div. a 4

Vla.
div. a 2

Vc.
div. a 2

98 99 100 101 102 103 104 105 106

Hp.

Vln. I
div. a 4

Vln. II
div. a 4

Vla.
div. a 2

Vc.
div. a 2

107 108 109 110 111 112 113

Hp.

Pno.

Vln. I
div. a 4

Vln. II
div. a 4

Vla.
div. a 2

Vc.
div. a 2

2
4

4
4

5
4

127 128 129 130 131 132

Fl. 1 *ff* 3 3 3 3 *ff* 3 3

Fl. 2 *ff* 3 3 3 3 *ff* 3 3

Fl. 3 *ff* 3 3 3 3 *ff* 3 3

Ob. 1 *ff* 3 3 3 3 *f* 6 *ff* 3 3 *p*

Ob. 2 *ff* 3 3 3 3 *f* 6 *ff* 3 3 *p*

Ob. 3 *ff* 3 3 3 3 *ff* 3 3

Cl. 1 *ff* 3 3 3 3 *ff* 3 3 *p*

Cl. 2 *ff* 3 3 3 3 *ff* 3 3

Cl. 3 *ff* 3 3 3 3 *ff* 3 3 *p*

Bsn. 1 *ff* 3 3 3 3 *mf* 3 *ff* 3 3 *p*

Bsn. 2 *ff* 3 3 3 3 *mf* 3 *ff* 3 3 *p*

Bsn. 3 *ff* 3 3 3 3 *ff* 3 3

Hn. 1 *ff* *ff*

Hn. 3 *ff* *ff*

C Tpt. 1 *ff* *f* 6 *ff*

C Tpt. 2 *ff* *ff*

C Tpt. 3 *f*

B. Tbn. *ff* 3 3 3 3 3 3 3 3

Tbn. *ff* 3 3 3 3 3 3 3 3

Timp. *ff* 3 3 3 3 3 3 3 3

Perc. 1 Snare Drum *ff* *mf* *ff*

Perc. 3 Tenor Drum *ff* *ff*

Hp. *ff*

Vln. I div. a 2 *ff* *ff* *p*

Vln. II div. a 2 *ff* *ff* *fp* *p*

Vla. div. a 2 *ff* 3 3 3 3 *ff* 3 3 *fp*

Vc. div. a 2 *ff* 3 3 3 3 *ff* 3 3 *p* *f*

Cb. *ff* 3 3 3 3 *ff* 3 3 *mp* *f*

2
4 4
5
4

133 **4/4**

J

134

135

5/4

136

Fl. 1 *f* *ff*

Fl. 2 *f* *ff*

Picc. *f* *ff*

Ob. 1 *f* *ff*

Ob. 2 *f* *ff*

Ob. 3 *f* *ff*

Cl. 1 *f* *ff*

Cl. 2 *f* *ff*

Cl. 3 *f* *ff*

Bsn. 1 *f* *ff*

Bsn. 2 *f* *ff*

Bsn. 3 *f* *ff*

Hn. 1 *ff*

Hn. 2 *f* *ff*

Hn. 3 *ff*

Hn. 4 *f* *ff*

C Tpt. 1 *p* *ff*

C Tpt. 2 *p* *ff*

C Tpt. 3 *ff* senza sord.

Tbn. 1 *ff* senza sord.

Tbn. 2 *f* *ff* senza sord.

B. Tbn. *f* *ff* senza sord.

Tba. *ff*

Timp. *ff*

Perc. 1 Glockenspiel *f* *ff*

Perc. 2 Xylophone *f* *ff*

Perc. 3 Bass Drum *ff*

Vin. I div. a 4 *f* *ff*

Vin. II div. a 2 *f* *ff*

Vla. div. a 2 *f* *ff*

Vc. div. a 2 *ff*

Cb. *ff*

141 142 143 144

Fl. 1
Fl. 2
Picc.
Ob. 1
Ob. 2
Ob. 3
Cl. 1
Cl. 2
Cl. 3
Bsn. 1
Bsn. 2
Bsn. 3
Hn. 1
Hn. 2
Hn. 3
Hn. 4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tba.
Timp.
Perc. 1
Perc. 2
Perc. 3
Hp.
Vln. I
div. a 4
Vln. II
div. a 2
Vla.
div. a 2
Vc.
div. a 2
Cb.

150 151 152 153

Fl. 1, Fl. 2, Fl. 3, Ob. 1, Ob. 2, Ob. 3, Cl. 1, Cl. 2, Cl. 3, Bsn. 1, Bsn. 2, Bsn. 3, Hn. 1, Hn. 2, Hn. 3, Hn. 4, C Tpt. 1, C Tpt. 2, C Tpt. 3, Tbn. 1, Tbn. 2, B. Tbn., Tba., Perc. 3

4/4

Vln. I div. a 2, Vln. II div. a 2, Vla. div. a 2, Vc., Cb.

FL. 1 *mp subito* *f* *mp subito* *ff*

FL. 2 *mp subito* *f* *mp subito* *ff*

FL. 3 *f* *ff*

Ob. 1 *mp* *f* *mp subito*

Ob. 2 *f*

Eng. Hrn. *mp* *f* *mp subito*

Cl. 1 *mp subito* *f* *mp subito* *ff*

Cl. 2 *mp subito* *f* *mp subito* *ff*

Cl. 3 *f*

Bsn. 1 *f*

Bsn. 2 *f*

C Tpt. 1 *con sord.* *f*

C Tpt. 2 *con sord.* *f*

B. Tbn. *ff*

Tba. *ff*

Timp. *f* *ff*

Perc. 1 Glockenspiel *f* *ff*

Perc. 2 Triangle *ff*

Hp. *f* *ff*

Pno. *f* *ff*

Vln. I *mp subito* *f* *ord.* *f* *mp subito* *ff*

div. a 2 *mp subito* *f* *ord.* *f* *mp subito* *ff*

Vln. II *mp subito* *f* *mp subito* *ff*

div. a 2 *mp subito* *f* *mp subito* *ff*

Vla. *f*

div. a 2 *f*

Vc. *div. a 3* *f*

FL. 1
FL. 2
FL. 3
Ob. 1
Ob. 2
Eng. Hn.
Cl. 1
Cl. 2
Cl. 3
Bsn. 1
Bsn. 2
Bsn. 3
Hn. 1
Hn. 2
Hn. 3
Hn. 4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tba.
Perc. 1
Perc. 2
Perc. 3
Hp.

Measures 162-166. This section of the score features a complex orchestral texture. The woodwind section (Flutes 1-3, Oboes 1-2, English Horn, Clarinets 1-3, Bassoons 1-3, Horns 1-4, Trumpets 1-3, Trombones 1-2, Baritone, and Tuba) plays a rhythmic pattern of eighth notes, often in triplets, with a dynamic of *ff*. The brass section (Trumpets 1-3, Trombones 1-2, Baritone, and Tuba) provides harmonic support with sustained notes and some melodic lines. The percussion section (Glockenspiel, Snare Drum, Bass Drum, and Vibraphone) adds rhythmic complexity. The strings (Violins I and II, Viola, Violoncello, and Contrabasso) play a steady accompaniment. Dynamics range from *ff* to *mp*.

Vln. I
div. a 2
Vln. II
div. a 2
Vla.
div. a 2
Vc.
div. a 2
Cb.
div. a 2

Measures 162-166. This section of the score features the string section. The Violins I and II, Viola, Violoncello, and Contrabasso play a rhythmic pattern of eighth notes, often in triplets, with a dynamic of *ff*. The Viola, Violoncello, and Contrabasso parts include a *mp subito* marking. Dynamics range from *ff* to *mp*.

FL. 1 *mp* *f subito* *ff* *ff*

FL. 2 *mp* *f subito* *ff* *ff*

FL. 3 *mp* *f subito* *ff* *ff*

Ob. 1 *f subito* *ff* *ff*

Ob. 2 *f subito* *ff* *ff*

Eng. Hn. *f subito* *ff* *ff*

Cl. 1 *f subito* *ff* *ff*

Cl. 2 *f subito* *ff* *ff*

Cl. 3 *f subito* *ff* *ff*

Bsn. 1 *f subito* *ff* *ff*

Bsn. 2 *f subito* *ff* *ff*

Bsn. 3 *f subito* *ff* *ff*

Hn. 1 *ff* *ff* *ff*

Hn. 2 *ff* *ff* *ff*

Hn. 3 *ff* *ff* *ff*

Hn. 4 *ff* *ff* *ff*

C Tpt. 1 *ff* *ff* *ff*

C Tpt. 2 *ff* *ff* *ff*

C Tpt. 3 *ff* *ff* *ff*

Tbn. 1 *ff* *ff* *ff*

Tbn. 2 *ff* *ff* *ff*

B. Tbn. *ff* *ff* *ff*

Tba. *ff* *ff* *ff*

Perc. 1 Glockenspiel *f* *ff* *ff*

Perc. 2 Snare Drum *ff* *ff* *ff* Tam-tam *ff* Snare Drum

Perc. 3 Bass Drum *ff* *ff* *ff*

Hp. *f* *ff* *ff*

Vin. I div. a 2 *ff* *ff* *ff*

Vin. II div. a 2 *ff* *ff* *ff*

Vla. div. a 2 *ff* *ff* *ff*

Vc. div. a 2 *ff* *ff* *ff*

Cb. div. a 2 *ff* *ff* *ff*

184 185 186 187 188 189

Eng. Hn. *f* *ff*

Cl. 1 *f*

Cl. 2 *f*

Cl. 3 *f*

Bsn. 1 *f*

Bsn. 2 *f*

Bsn. 3 *f*

Hn. 2 *f*

Hn. 4 *f*

Tbn. 1 *f*

Tbn. 2 *f*

B. Tbn. *f*

Tba. *f*

Timp. *f*

Perc. 2 Tam-tam *f*

Pno. *ff*

Vla. div. a 2 *f*

Vc. div. a 2 *mp* *f* *f*

Cb. *mp* *f* *f*

5/4

4/4

190 191 192 193 194 195

Fl. 1 *f*

Fl. 2 *f*

Fl. 3 *f*

Ob. 1 *ff*

Ob. 2 *ff*

Eng. Hn.

Cl. 1 *f*

Cl. 2 *f*

Cl. 3 *f*

Bsn. 1 *f*

Bsn. 2 *f*

Bsn. 3 *f*

Hn. 1 *f*

Hn. 2 *f*

Hn. 3 *f*

Hn. 4 *f*

C Tpt. 1 *f*

C Tpt. 2 *f*

C Tpt. 3 *f*

Tbn. 1 *f*

Tbn. 2 *f*

B. Tbn. *f*

Tba. *f*

Timp. *f*

Perc. 1 Glockenspiel *f*

Perc. 2 Tam-tam *f* Bass Drum *f*

Perc. 3 Tubular Bell *f*

Pno. *ff*

5/4

4/4

ord.

Vln. I *f*

Vln. II *f*

Vla. div. a 2 *f*

Vc. div. a 2 *f*

Cb. *f* unis.

P

5
4

196

197

198

199

200

34

Fl. 1

Fl. 2

Fl. 3

Ob. 1

Ob. 2

Eng. Hn.

Cl. 1

Cl. 2

Bsn. 1

Bsn. 2

Bsn. 3

Hn. 2

Hn. 4

Tbn. 1

Timp.

Hp.

Pno.

P

5
4

Vln. Solo

Vln. II div. a 4

Vla. div. a 2

Vc. div. a 2

Cb.

4/4

201 202 203 204

Fl. 1 *ff*

Fl. 2 *ff*

Fl. 3 *ff*

Ob. 1 *ff*

Ob. 2 *ff*

Ob. 3 Oboe *ff*

Cl. 1 *ff*

Cl. 2 *ff*

Cl. 3 *ff*

Bsn. 1 *ff*

Bsn. 2 *ff*

Bsn. 3 *ff*

Hn. 1 *ff*

Hn. 2 *f*

Hn. 3 *ff*

Hn. 4 *f*

C Tpt. 1 *ff*

C Tpt. 2 *ff*

C Tpt. 3 *ff*

Tbn. 1 *f*

Tbn. 2 *f*

B. Tbn. *ff*

Tba. *f*

Timp. *f*

Perc. 1 Marimba *ff*

Perc. 3 Snare Drum *ff*

Hp. *ff*

4/4

Vln. I div. a 2 *ff*

Vln. II div. a 2 *ff*

Vla. div. a 2 *ff*

Vc. unis. *ff*

Cb. unis. *ff*

219 220 221 222 223 224 225 226 227

Fl. 1 *f*

Fl. 2 *f*

Fl. 3 *f*

Cl. 1 *f*

Cl. 2 *f*

Bsn. 1 *mp*

Bsn. 2 *mp*

Hn. 1 *mp*

Hn. 2 *mp*

Hn. 3 *mp*

Hn. 4 *mp*

Tbn. 2

B. Tbn.

Tba. *fff*

Timp. *fff*

Perc. 1 Glockenspiel *f*

Perc. 3 Bass Drum *fff*

Vln. I div. a 4

Vln. II div. a 4

Vla. div. a 2

Vc. div. a 2 *mp*

Cb. *mp* *unif.* *fff*