

Fractal Bow  
II

$\bullet = 84$  accelerating... to... **A**  $\bullet = 126$

Flute 1 *ff* *sfz p* *ff* *ff*

Flute 2 *ff* *sfz p* *ff* *ff*

Oboe 1 *ff* *sfz p* *ff* *ff*

Oboe 2 *ff* *sfz p* *ff* *ff*

Cl. 1 in Bb *ff* *sfz p* *ff* *ff*

Cl. 2 in Bb *ff* *sfz p* *ff* *ff*

Bassoon 1 *ff* *sfz p* *ff* *ff*

Bassoon 2 *ff* *sfz p* *ff* *ff*

Horn 1 in F *ff* *sfz p* *ff* *ff* *w/ mute* *f dim.*

Horn 2 in F *ff* *sfz p* *ff* *ff* *w/ mute* *f dim.*

Horn 3 in F *ff* *sfz p* *ff* *ff* *w/ mute* *f dim.*

Horn 4 in F *sfz* *sfz* *sfz* *ff* *w/ mute* *f dim.*

Trumpet 2 in C *ff* *sfz p* *ff* *ff* *f*

Trombone 1 *ff* *sfz p* *ff* *ff* *w/ harmon mute, stem in* *f*

Trombone 2 *ff* *sfz p* *ff* *ff* *w/ harmon mute, stem in* *f*

Timpani  $\bullet = 84$  *ff* *ff* *ff* *ff* *accelerating... to... **A**  $\bullet = 126$*

Perc. 1

Perc. 2

Perc. 3

Piano  $\bullet = 84$  *ff* *ff* *ff* *ff* *accelerating... to... **A**  $\bullet = 126$*

Harp

Celesta

Violin 1 *ff* *sfz p* *ff* *ff* *ff*

Violin 2 *ff* *sfz p* *ff* *ff* *ff*

Violin 3 *ff* *sfz p* *ff* *ff* *ff*

Violin 4 *ff* *sfz p* *ff* *ff* *ff*

Viola 1 *ff* *sfz p* *ff* *ff* *ff*

Viola 2 *ff* *sfz p* *ff* *ff* *ff*

Cello *ff* *sfz p* *ff* *ff* *ff*

Cello *ff* *sfz p* *ff* *ff* *ff*

Double Bass *ff* *sfz p* *ff* *ff* *ff*

# Fractal Bow II

This musical score is for the second movement, "Fractal Bow II," of a larger work. It is a full orchestral score with the following instruments and parts:

- Flutes:** Fl. 1 and Fl. 2. Fl. 2 begins with a *ff* dynamic.
- Woodwinds:** Ob. 1 and Ob. 2 (Oboes); Cl. 1 and Cl. 2 (Clarinets); Bsn. 1 and Bsn. 2 (Bassoons); Hrn. 1, 2, 3, and 4 (Horns); Tpt. 1 and Tpt. 2 (Trumpets); Tbn. 1 and Tbn. 2 (Trombones); Timp. (Timpani).
- Percussion:** Perc. 1, 2, and 3 (Percussion).
- Keyboard:** Pno. (Piano); Hp. (Harp).
- Strings:** Cel. (Cello); Vla. (Viola); Vln. (Violins); Vcl. (Violoncello); D.B. (Double Bass).

The score includes various musical notations such as dynamics (*ff*, *p*, *div.*), articulation (*secco*), and performance instructions (*tutti*). The piece is marked with a circled number 94 at the beginning of several systems.

# Fractal Bow II

**B** ♩ = 144

110 poco accel. **B** ♩ = 144 flutter

Fl. 1  
Fl. 2  
Ob. 1  
Ob. 2  
Cl. 1  
Cl. 2  
Bn. 1  
Bn. 2

111 poco accel. **B** ♩ = 144 flutter

Hn. 1  
Hn. 2  
Hn. 3  
Hn. 4  
Tpt. 1  
Tpt. 2  
Tbn. 1  
Tbn. 2

112 poco accel. **B** ♩ = 144 flutter

Timp.

Perc. 1  
Perc. 2  
Perc. 3

113 poco accel. **B** ♩ = 144 gliss.

Pno.

114 poco accel. **B** ♩ = 144 gliss.

Hp.

115 poco accel. **B** ♩ = 144 gliss.

Cel.

116 poco accel. **B** ♩ = 144 pizz.

Vln. 1  
Vln. 2  
Vln. 3  
Vln. 4  
Vla. 1  
Vla. 2  
Vcl. 1  
Vcl. 2  
D.B.

N.B. indicates the use of harmonic fingerings so that the pitch is articulated without tonguing to produce maximum change in timbre.



Fractal Bow

II

**D** ♩ = 126

Fl. 1, Fl. 2, Ob. 1, Ob. 2, Cl. 1, Cl. 2, Bn. 1, Bn. 2

141 slowing ...

*f* *ff* *secco*

Hr. 1, Hr. 2, Hr. 3, Hr. 4, Tpt. 1, Tpt. 2, Tbn. 1, Tbn. 2

143 slowing ...

*p* *ff* *secco*

Timp., Perc. 1, Perc. 2, Perc. 3

143 slowing ...

*f* *secco* *p*

mba, glock, crotales

Pno.

143 slowing ...

*f* *secco* *p*

Hp.

143 slowing ...

*ff* *secco* *p*

Cel.

143 slowing ...

*ff* *secco* *p*

Vla. I, Vla. II, Vla. III, Vcl. I, Vcl. II, D.B.

143 slowing ...

*ff* *secco* *legato* *p* *pp*

arco III

# Fractal Bow II

**Flutes (Fl. 1, Fl. 2)**: *poco accel.*, *f*, *ff*, *p*

**Oboes (Ob. 1, Ob. 2)**: *f*, *ff*, *p*

**Clarinets (Cl. 1, Cl. 2)**: *secco*, *pp*, *piu legato*, *mf*, *ff*, *p*

**Bassoons (Bsn. 1, Bsn. 2)**: *p*, *ff*, *p*

**Horns (Hn. 1-4)**: *mf*, *f*, *p*, *mf*, *f*, *p*, *mf*, *f*, *p*

**Trumpets (Tpt. 1, Tpt. 2)**: *mf*, *f*, *p*, *mf*, *f*, *p*

**Trombones (Tbn. 1, Tbn. 2)**: *secco*, *pp*, *mf*, *f*, *p*

**Timpani (Timp.)**: *poco accel.*, *f*, *p*

**Percussion (Perc. 1-3)**: *mba*, *f*, *glock gliss*, *crotales*, *f*, *gliss.*, *ff*, *ff*

**Piano (Pno.)**: *pp*, *ff*, *fff*

**Harp (Hp.)**: *gliss.*, *ff*

**Cello (Cel.)**: *pp*, *ff*

**Violins (Vln. 1-4)**: *legato*, *p*, *ff*, *ff*

**Violas (Vla. 1-4)**: *secco*, *pp*, *piu legato*, *legato*, *p*, *ff*, *ff*

**Cellos (Vcl. 1-2)**: *legato*, *pp*, *secco*, *ff*

**Double Basses (D.B.)**: *ff*

# Fractal Bow

## II

179

Fl. 1 *8va flutter* *ff* *f*

Fl. 2 *8va flutter* *ff* *f*

Ob. 1 *ff* *p*

Ob. 2 *ff* *p*

Cl. 1 *f* *f*

Cl. 2 *f* *f*

Bsn. 1 *f* *f*

Bsn. 2 *f*

Hr. 1

Hr. 2

Hr. 3

Hr. 4

Tpt. 1 *w/ cup mute* *f* *f* *p*

Tpt. 2 *f* *p*

Tbn. 1

Tbn. 2

179

Temp.

Perc. 1 *f* *lv*

Perc. 2 *f*

Perc. 3 *f* *lv*

179

Pno. *mf* *f*

179

Hp. *lv* *ff*

179

Cel. *f* *lv* *mf*

179

Vln. 1 *pizz.* *pizz.* *arco* *gently ad lib freely* *arco* *gently ad lib freely* *pizz. gently, dolce*

Vln. 2 *pizz.* *pizz.* *arco* *gently ad lib freely* *arco* *gently ad lib freely* *pizz. gently, dolce*

Vln. 3 *pizz. ad lib freely* *pizz. ad lib freely* *arco* *gently ad lib freely* *arco* *gently ad lib freely* *pizz. gently, dolce*

Vln. 4 *pizz. ad lib freely* *pizz. ad lib freely* *pizz.* *arco* *gently ad lib freely* *arco* *gently ad lib freely* *pizz. gently, dolce*

Vln. 5 *pizz.* *arco* *gently ad lib freely* *arco* *gently ad lib freely* *pizz. gently, dolce*

Vc. *pizz. ad lib freely* *pizz. gently, dolce*

Vc. *pizz. ad lib freely* *pizz. gently, dolce*

D.B.

F

# Fractal Bow II

This musical score is for the second movement, "Fractal Bow II," of a larger work. It is a full orchestral score with the following instruments and parts:

- Flutes (Fl. 1, Fl. 2):** Flute 1 has a circled measure number 197 at the start of the page. Flute 2 has a circled measure number 197 at the start of the page.
- Oboes (Ob. 1, Ob. 2):** Oboe 1 has a circled measure number 197 at the start of the page. Oboe 2 has a circled measure number 197 at the start of the page.
- Clarinets (Cl. 1, Cl. 2):** Clarinet 1 has a circled measure number 197 at the start of the page. Clarinet 2 has a circled measure number 197 at the start of the page.
- Bassoons (Bsn. 1, Bsn. 2):** Bassoon 1 has a circled measure number 197 at the start of the page. Bassoon 2 has a circled measure number 197 at the start of the page.
- Horns (Hn. 1, Hn. 2, Hn. 3, Hn. 4):** Horn 1 has a circled measure number 197 at the start of the page. Horn 2 has a circled measure number 197 at the start of the page. Horn 3 has a circled measure number 197 at the start of the page. Horn 4 has a circled measure number 197 at the start of the page.
- Trumpets (Tpt. 1, Tpt. 2):** Trumpet 1 has a circled measure number 197 at the start of the page. Trumpet 2 has a circled measure number 197 at the start of the page.
- Trombones (Tbn. 1, Tbn. 2):** Trombone 1 has a circled measure number 197 at the start of the page. Trombone 2 has a circled measure number 197 at the start of the page.
- Percussion (Timp., Perc. 1, Perc. 2, Perc. 3):** Timpani has a circled measure number 197 at the start of the page. Percussion 1 has a circled measure number 197 at the start of the page. Percussion 2 has a circled measure number 197 at the start of the page. Percussion 3 has a circled measure number 197 at the start of the page.
- Piano (Pno.):** Piano has a circled measure number 197 at the start of the page.
- Harp (Hp.):** Harp has a circled measure number 197 at the start of the page.
- Cello (Cel.):** Cello has a circled measure number 197 at the start of the page.
- Violins (Vln. 1, Vln. 2, Vln. 3, Vln. 4):** Violin 1 has a circled measure number 197 at the start of the page. Violin 2 has a circled measure number 197 at the start of the page. Violin 3 has a circled measure number 197 at the start of the page. Violin 4 has a circled measure number 197 at the start of the page.
- Violas (Vla. 1, Vla. 2):** Viola 1 has a circled measure number 197 at the start of the page. Viola 2 has a circled measure number 197 at the start of the page.
- Double Basses (Vc., Vc., D.B.):** Violoncello 1 has a circled measure number 197 at the start of the page. Violoncello 2 has a circled measure number 197 at the start of the page. Double Bass has a circled measure number 197 at the start of the page.

The score includes various musical notations such as dynamics (e.g., *mfz*, *f*, *ff*), articulation (e.g., *mba*, *mpz*), and performance instructions (e.g., *arco au talon*). A section marked with a circled 'G' begins at measure 197. The score is written in a standard orchestral format with multiple staves for each instrument.





# Fractal Bow II

This page contains the musical score for 'Fractal Bow II', page 28. The score is written for a full orchestra and includes parts for the following instruments:

- Flutes (Fl. 1, Fl. 2)
- Oboes (Ob. 1, Ob. 2)
- Clarinets (Cl. 1, Cl. 2)
- Bassoons (Bn. 1, Bn. 2)
- Horns (Hn. 1, Hn. 2, Hn. 3, Hn. 4)
- Trumpets (Tpt. 1, Tpt. 2)
- Trombones (Tbn. 1, Tbn. 2)
- Timpani (Timp.)
- Percussion (Perc. 1, Perc. 2, Perc. 3)
- Pan Flute (Pnc.)
- Harp (Hp.)
- Cello (Cel.)
- Violins (Vln. 1, Vln. 2, Vln. 3, Vln. 4)
- Violas (Vla. 1, Vla. 2)
- Violoncello (Vc.)
- Double Bass (D.B.)

The score is divided into systems, with measures 230-239 visible on this page. A first ending bracket labeled '1' spans measures 236-239. Performance markings include dynamics such as *ff*, *mf*, *mp*, *f*, *p*, and *sf*, as well as articulation like *secco* and *div.* (divisi). A 'slowing...' instruction is present above measures 236-239. The tempo marking  $\text{♩} = 126$  is shown at the end of each system. The bottom of the page features a large *ff* dynamic marking.

# Fractal Bow II

The musical score is arranged in systems for various instruments. The top system includes Flute 1 & 2, Oboe 1 & 2, Clarinet 1 & 2, Bassoon 1 & 2, Horns 1-4, Trumpets 1 & 2, Trombones 1 & 2, Timpani, and Percussion 1, 2, & 3. The middle system includes Piano, Harp, and Cello. The bottom system includes Violin 1 & 2, Viola, Violoncello, and Double Bass. The score contains various musical notations such as dynamics (mf, ff, f, p), articulation (legato, staccato), and performance instructions (poco accel., gliss., susp. cymbal l.v.). Rehearsal marks are present at measures 240 and 244. A key signature 'K' is indicated at the end of several systems.

# Fractal Bow II

This page of the musical score for "Fractal Bow II" contains staves for the following instruments:

- Flutes:** Fl. 1 and Fl. 2
- Oboes:** Ob. 1 and Ob. 2
- Clarinets:** Cl. 1 and Cl. 2
- Trumpets:** Tpt. 1 and Tpt. 2
- Trombones:** Tbn. 1 and Tbn. 2
- Drum:** Timp.
- Percussion:** Perc. 1, Perc. 2, Perc. 3
- Piano:** Pno.
- Harpsichord:** Hp.
- Cello:** Cel.
- Violins:** Vla. (Violins I, II, III, IV)
- Violas:** Vcl. (Violas I, II)
- Double Bass:** D.B.

The score includes various musical notations such as dynamics (*ff*, *f*, *fp*, *p*), articulation (accents), and performance directions like "dolce, warm". A rehearsal mark "L" is present at the beginning of several sections. The page number "260" is circled at the start of each instrument's staff.

# Fractal Bow

## II

270 M

Fl. 1  
Fl. 2  
Ob. 1  
Ob. 2  
Cl. 1  
Cl. 2  
Bsn. 1  
Bsn. 2

270 M

Hr. 1  
Hr. 2  
Hr. 3  
Hr. 4  
Tpt. 1  
Tpt. 2  
Tbn. 1  
Tbn. 2

270 M

Temp.  
Perc. 1  
Perc. 2  
Perc. 3

270 M

Poa.  
Mba. *ff*

270 M

Hp. *fff*

270 M

Cel.

270 M

Vln. 1 *dolce*  
Vln. 2 *dolce*  
Vln. 3 *dolce*  
Vln. 4 *dolce*  
Vla. 1 *ff p*  
Vla. 2 *ff*  
Vc. 1 *ff*  
Vc. 2 *ff*  
D.B.

*f*, *mf*, *p*, *ff*, *fff*, *arco*, *pizz.*, *bell tone*, *miba*, *aca*

# Fractal Bow II

This page of the musical score for "Fractal Bow II" contains parts for various instruments. Key features include:

- Flute (Fl. 1, 2):** Fl. 1 has a circled measure number 292. Fl. 2 is marked *ff*.
- Oboe (Ob. 1, 2):** Both parts feature *pp* markings.
- Clarinet (Cl. 1, 2):** Cl. 1 has *pp* markings.
- Bassoon (Bsn. 1, 2):** Bsn. 1 has *f* and *p* markings.
- Horn (Hn. 1-4):** Horns 1-4 have *fp* markings.
- Trumpet (Tpt. 1, 2):** Tpt. 1 has *pp* markings. Tpt. 2 has *p* markings.
- Trombone (Tbn. 1, 2):** Tbn. 1 has *f* markings. Tbn. 2 has *sfz* markings.
- Tympani (Timp.):** Marked with "a little slower".
- Percussion (Perc. 1, 2, 3):** Perc. 1 has *pp* and *ff* markings. Perc. 2 has *ff* markings and includes "glock" and "Lv.". Perc. 3 has *ff* markings and includes "crotales".
- Piano (Pno.):** Marked with "a little slower". Includes *pp* and *ff* markings.
- Harp (Hp.):** Marked with *ff*.
- Cello (Cel.):** Marked with *ff* and *mf*.
- Violin (Vln. 1-4):** Violins 1-4 have *p* and *f* markings.
- Viola (Vla. 1-4):** Violas 1-4 have *f* and *p* markings.
- Violoncello (Vc.):** Both parts have *sfz* markings.
- Double Bass (D.B.):** Marked with *sfz*.

Fractal Bow  
II

310

Fl. 1

Fl. 2

Ob. 1

Ob. 2

Cl. 1

Cl. 2

bass clarinet

Bn. 1

Bn. 2

310

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

310

Temp.

Perc. 1

bass drum

woodblock

xylophone

Perc. 2

Perc. 3

woodblocks

310

Pno.

310

Hp.

gliss (with nail)

ff

buzz ped. l.v. slowly lift pedal

gliss (with nail)

l.v.

310

Cel.

310

Vln. 1

biting!

Vln. 2

biting!

Vln. 3

biting!

Vln. 4

biting!

Vla.

pizz.

Vcllo.

pizz. ad lib reely

Vc.

pizz. ad lib reely

D.B.

fiery

ff

# Fractal Bow II

P

Slower, gentle, warm

Fl. 1, Fl. 2, Ob. 1, Ob. 2, Cl. 1, Cl. 2, Bn. 1, Bn. 2

321

*ff* *mp* *pp* *pp* *pp* *pp* *pp* *pp*

triquil, smooth (bass. cl) *pp* *pp*

Hr. 1, Hr. 2, Hr. 3, Hr. 4, Tpt. 1, Tpt. 2, Tbn. 1, Tbn. 2

321

*mf* *f* *f* *f* *pp* *pp* *pp* *pp*

*mf* *mf* *mf* *mf* *mf* *mf* *mf* *mf*

*sfz* *sfz* *p* *p* *p* *p* *p* *p*

*pp* *pp* *pp* *pp* *pp* *pp* *pp* *pp*

Timp.

321

*pp* *pp* *pp* *pp* *pp* *pp* *pp* *pp*

Perc. 1, Perc. 2, Perc. 3

321

*pp* *pp* *pp* *pp* *pp* *pp* *pp* *pp*

*mba* *pp* *pp* *pp* *pp* *pp* *pp* *pp*

triquil, smooth *pp* *pp*

glock. 1v. *f* *f* *f* *f* *f* *f* *f* *f*

crotales *f* *f* *f* *f* *f* *f* *f* *f*

lv. vibraphone (motor) *f* *f* *f* *f* *f* *f* *f* *f*

lv. vibraphone (motor) *f* *f* *f* *f* *f* *f* *f* *f*

Pno.

321

*pp* *pp* *pp* *pp* *pp* *pp* *pp* *pp*

*pp* *pp* *pp* *pp* *pp* *pp* *pp* *pp*

Hp.

321

*pp* *pp* *pp* *pp* *pp* *pp* *pp* *pp*

Cel.

321

*pp* *pp* *pp* *pp* *pp* *pp* *pp* *pp*

Vla. 1, Vla. 2, Vla. 3, Vla. 4, Vc. 1, Vc. 2, D.B.

321

*ff* *ff* *ff* *ff* *ff* *ff* *ff* *ff*

*norm.* *ff* *ff* *ff* *ff* *ff* *ff* *ff*

*pp* *pp* *pp* *pp* *pp* *pp* *pp* *pp*

*pp* *pp* *pp* *pp* *pp* *pp* *pp* *pp*

*pp* *pp* *pp* *pp* *pp* *pp* *pp* *pp*

*pp* *pp* *pp* *pp* *pp* *pp* *pp* *pp*

P

Slower, gentle, warm





# Fractal Bow II

gradually picking up speed ... ♩ = 144

Fl. 1 *ff*

Fl. 2 *ff*

Ob. 1 *ff*

Ob. 2 *ff*

Cl. 1 *ff*

Cl. 2 *ff*

Bsn. 1 *ff*

Bsn. 2 *ff*

Hr. 1 *f*

Hr. 2 *f*

Hr. 3 *f*

Hr. 4 *f*

Tpt. 1 *ff*

Tpt. 2 *ff*

Tbn. 1 *ff*

Tbn. 2 *ff*

Timp. *f*

Perc. 1 *ff*

Perc. 2 *f*

Perc. 3 *f*

Pno. *ff*

Hp. *mf*

Cel. *f*

Vln. 1 *ff*

Vln. 2 *ff*

Vln. 3 *ff*

Vln. 4 *ff*

Vcl. *ff*

Vc. *ff*

D.B. *f*

mba

glock. lv.

crotales

lv.

gliss.

lv.

legato

legato

legato

legato

w/ harmon mute, stem in brass

w/ harmon mute, stem in brass

w/ harmon mute, stem in

w/ harmon mute, stem in

# Fractal Bow

## II

R

The musical score is arranged in a standard orchestral layout with 15 systems of staves. Each system includes multiple staves for different instruments. The notation is dense, featuring many sixteenth and thirty-second notes. Dynamic markings are frequently used to indicate volume changes. Performance instructions like 'gentle, light, airy' and 'dolce, light' are placed above specific musical phrases. A rehearsal mark 'R' is located at the top and middle of the page. The bottom of the page shows the Double Bass (D.B.) staff with a 'p' dynamic marking.

# Fractal Bow II

This musical score is for the second movement, "Fractal Bow II," of a piece titled "Fractal Bow." The score is arranged for a full orchestra and includes the following instruments and parts:

- Flutes (Fl. 1, Fl. 2):** Both parts feature a melodic line starting at measure 380 with the instruction "dolce, light." They conclude with "legato, dolce" markings.
- Oboes (Ob. 1, Ob. 2):** Both parts play a similar melodic line, marked "legato, dolce" throughout.
- Clarinets (Cl. 1, Cl. 2):** Both parts play a melodic line, marked "legato, dolce" throughout.
- Bassoons (Bn. 1, Bn. 2):** Both parts are marked with rests throughout the section.
- Horns (Hn. 1-4):** All four parts are marked with rests throughout the section.
- Trumpets (Tpt. 1, Tpt. 2):** Both parts play a melodic line starting at measure 380, marked "mute off smooth, dolce" and "p".
- Trombones (Tbn. 1, Tbn. 2):** Both parts are marked with rests throughout the section.
- Percussion (Timp., Perc. 1, Perc. 2, Perc. 3):** The timpani part has a melodic line starting at measure 380. The three percussion parts are marked with rests.
- Piano (Pno.):** The piano part features a complex, rhythmic accompaniment starting at measure 380, marked "gentle, light, airy" and "p".
- Harp (Hp.):** The harp part is marked with rests throughout the section.
- Cello (Cel.):** The cello part is marked with rests throughout the section.
- Violins (Vln. 1-3):** The three violin parts play a melodic line starting at measure 380, marked "gentle, light, airy" and "p".
- Violas (Vla. 1-2):** The two viola parts are marked with rests throughout the section.
- Double Basses (Vc., D.B.):** Both parts are marked with rests throughout the section.

The score is divided into systems, with section markers (S) appearing at the beginning of the Flutes, Horns, Percussion, Piano, and Violins sections. The tempo and dynamics markings are consistent throughout the score.

# Fractal Bow II

397

Fl. 1

Fl. 2

Ob. 1

Ob. 2

Cl. 1

Cl. 2

Ba. 1

Ba. 2

*legato, dolce*  
*mp*

*p*

*mp*

*p*

*f*

pointed, well articulated

pointed, well articulated

397

Hr. 1

Hr. 2

Hr. 3

Hr. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

397

Timp.

Perc. 1

Perc. 2

Perc. 3

397

Pno.

*gentle, light, airy*

*p*

397

Hp.

397

Cel.

397

Vla. 1

Vla. 2

Vla. 3

Vla. 4

Vla. 5

Vla. 6

Vc. 1

Vc. 2

D.B.

pointed, well articulated

*mp*

pointed, well articulated

*mp*

pointed, well articulated

*p*

*mp*

pointed, well articulated

*mp*

# Fractal Bow II

This page of the musical score for "Fractal Bow II" contains measures 412 through 428. The score is written for a full orchestra and includes parts for the following instruments:

- Flutes (Fl. 1, Fl. 2)
- Oboes (Ob. 1, Ob. 2)
- Clarinets (Cl. 1, Cl. 2)
- Bassoons (Bsn. 1, Bsn. 2)
- Horns (Hn. 1, Hn. 2, Hn. 3, Hn. 4)
- Trumpets (Tpt. 1, Tpt. 2)
- Trombones (Tbn. 1, Tbn. 2)
- Timpani (Timp.)
- Percussion (Perc. 1, Perc. 2, Perc. 3)
- Piano (Pno.)
- Harp (Hp.)
- Cello (Cel.)
- Violins (Vln. 1, Vln. 2, Vln. 3, Vln. 4)
- Violas (Vla. 1, Vla. 2)
- Cellos (Vcl. 1, Vcl. 2)
- Double Basses (D.B.)

Key performance markings and dynamics include:

- Dynamic markings: *ff*, *mf*, *p*, *light*, *f*, *mf*, *pp*, *mp*.
- Articulation: *pizz.* (pizzicato).
- Tempo/Character: *gentle*, *solace*.
- Rehearsal marks: **T** (Tutti).
- Other markings: *susp. cymbal*, *1x*, *2da*.

Fractal Bow  
II

This page of a musical score for 'Fractal Bow II' features a variety of instruments. The woodwind section includes Flutes 1 and 2, Oboes 1 and 2, Clarinets 1 and 2, Bassoons 1 and 2, Horns 1-4, Trumpets 1 and 2, and Trombones 1 and 2. The percussion section includes Timpani, three Percussionists (Perc. 1-3), and Snare Drum (Sna.). The string section consists of Violins 1-4, Violas 1-4, Cellos (Cel.), and Double Basses (D.B.). A Harp (Hp.) is also present. The score is marked with a rehearsal sign 'U' at measure 425. Dynamics include *ff*, *mf*, *f*, *p*, and *pp*. Performance instructions such as 'driving!', 'glock', 'lv.', 'mute off', and 'mba' are included. The harp part features 'Rca' markings. The string parts are heavily marked with 'driving!' and 'ff'.

# Fractal Bow II

This musical score page, titled "Fractal Bow II", is page 42 of a larger work. It features a full orchestral ensemble with the following instruments and parts:

- Flutes (Fl. 1, Fl. 2):** Both parts play a melodic line starting at measure 430, marked with a circled "430".
- Oboes (Ob. 1, Ob. 2):** Both parts play a melodic line starting at measure 430, marked with a circled "430".
- Clarinets (Cl. 1, Cl. 2):** Both parts are silent, indicated by a horizontal line.
- Bassoons (Bsn. 1, Bsn. 2):** Both parts play a rhythmic accompaniment of quarter notes.
- Horns (Hrn. 1-4):** All four parts are silent, indicated by a horizontal line.
- Trombones (Tbn. 1, Tbn. 2):** Both parts play a rhythmic accompaniment of quarter notes.
- Timpani (Timp.):** Indicated as silent with a horizontal line and "(Sp.)" below.
- Percussion (Perc. 1, Perc. 2, Perc. 3):** All three parts are silent, indicated by a horizontal line.
- Piano (Pno.):** Plays a complex melodic and harmonic line starting at measure 430, marked with a circled "430".
- Harp (Hp.):** Plays a melodic line starting at measure 430, marked with a circled "430".
- Cello (Cel.):** Indicated as silent with a horizontal line.
- Violins (Vln. 1-4):** All four parts are silent, indicated by a horizontal line.
- Violas (Vla. 1-4):** All four parts are silent, indicated by a horizontal line.
- Double Bass (D.B.):** Plays a rhythmic accompaniment of quarter notes.

The score is written in standard musical notation with a key signature of one sharp (F#) and a common time signature (C). The page is divided into two systems by a vertical bar line.



Fractal Bow  
II

441

Fl. 1  
Fl. 2  
Ob. 1  
Ob. 2  
Cl. 1  
Cl. 2  
Bn. 1  
Bn. 2

441

Hr. 1  
Hr. 2  
Hr. 3  
Hr. 4  
Tpt. 1  
Tpt. 2  
Tbn. 1  
Tbn. 2

441

Timp.  
Pec. 1  
Pec. 2  
Pec. 3  
Pno.  
Hr.  
Cel.  
Vla.  
Vln. 1  
Vln. 2  
Vln. 3  
Vln. 4  
Vln. 5  
Vla.  
Vcl.  
Vcl.  
D.B.

woodblocks  
crotales  
L.v.

*pp*  
*f*  
*mf*  
*ff*  
*pp*  
*f*  
*mf*  
*ff*  
*pp*  
*f*

# Fractal Bow II

451 V

Fl. 1  
Fl. 2  
Ob. 1  
Ob. 2  
Cl. 1  
Cl. 2  
Bn. 1  
Bn. 2

451 V

Hr. 1  
Hr. 2  
Hr. 3  
Hr. 4  
Tpt. 1  
Tpt. 2  
Tbn. 1  
Tbn. 2

451 V

Temp.  
Perc. 1  
Perc. 2  
Perc. 3

451 V

Poa.  
Hp.  
Cel.  
451 V

Vla. 1  
Vla. 2  
Vla. 3  
Vla. 4  
Vc. 1  
Vc. 2  
D.B.

# Fractal Bow II

461 W

Fl. 1

Fl. 2

Ob. 1

Ob. 2

Cl. 1

Cl. 2

Bsn. 1

Bsn. 2

462 W

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

463 W

Timp.

Perc. 1

Perc. 2

Perc. 3

464 W

Pno.

465 W

Hp.

466 W

Cel.

467 W

Vln. 1

Vln. 2

Vln. 3

Vln. 4

Vla.

Vcl.

Vcl.

D.B.

*mf*

*p*

*f*

*Flutter*

# Fractal Bow II

This musical score page, titled "Fractal Bow II", is page 46 of a larger work. It features a variety of orchestral instruments, including woodwinds, brass, percussion, strings, and piano. The score is in 3/4 time and includes dynamic markings such as *f*, *mf*, *ff*, *p*, and *light*. Rehearsal marks 475 and X are placed at various points in the score. Specific performance instructions include "Flutter", "w/ harmon muto stem out", and "stem in light". The piano part includes a *ff* marking and a *scia* marking. The string parts (Violin I, Violin II, Viola, and Double Bass) feature complex rhythmic patterns and dynamic changes, often marked with *f* and *mf*. The woodwind and brass sections have more sparse parts with occasional melodic lines.

# Fractal Bow II

490

Fl. 1

Fl. 2

Ob. 1

Ob. 2

Cl. 1

Cl. 2

Bsn. 1

Bsn. 2

Hrn. 1

Hrn. 2

Hrn. 3

Hrn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

Timp.

Perc. 1

Perc. 2

Perc. 3

Pno.

Hp.

Cel.

Vln. 1

Vln. 2

Vln. 3

Vln. 4

Vln. 5

Vla.

Vcl.

Vcl.

D.B.

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

*quasi-gloss*

*bell tone*

*stem in light*

*w/ cup mute*

*w/ harmon mute, stem out*

*mute off bell tone*

*vibraphone (muted off)*

*sub mf*

*simile*

# Fractal Bow II

50

Fl. 1

Fl. 2

Ob. 1

Ob. 2

Cl. 1

Cl. 2

Ba. 1

Ba. 2

50

Hr. 1

Hr. 2

Hr. 3

Hr. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

50

Timp.

Perc. 1

Perc. 2

Perc. 3

50

Pno.

50

Hp.

50

Cel.

50

Vln. 1

Vln. 2

Vln. 3

Vln. 4

Vln. 5

Vln. 6

Vc.

Vc.

D.B.

quasi-gliss

quasi-gliss

quasi-gliss

quasi-gliss

quasi-gliss

gliss.

w/ cup mute

w/ harmon mute stem in

vibr.

simile

simile



# Fractal Bow II

Z

Fl. 1, Fl. 2, Ob. 1, Ob. 2, Cl. 1, Cl. 2, Bsn. 1, Bsn. 2

Hr. 1, Hr. 2, Hr. 3, Hr. 4, Tpt. 1, Tpt. 2, Tbn. 1, Tbn. 2

Temp., Perc. 1, Perc. 2, Perc. 3

Pno.

Hp.

Cel.

Vla. 1, Vla. 2, Vla. 3, Vla. 4, Vc. 1, Vc. 2, D.B.



# Fractal Bow II

530

Fl. 1

Fl. 2

Ob. 1

Ob. 2

Cl. 1

Cl. 2

Bn. 1

Bn. 2

530

Hn. 1

Hn. 2

Hn. 3

Hn. 4

Tpt. 1

Tpt. 2

Tbn. 1

Tbn. 2

530

Temp.

Perc. 1

Perc. 2

Perc. 3

530

Pno.

530

Hp.

530

Cel.

530

Vln. 1

Vln. 2

Vln. 3

Vln. 4

Vla. 1

Vla. 2

Vc. 1

Vc. 2

D.B.

*p*

*f*

*ff*

*sub ff*

*pp*

*gliss.*

*glock*

*crotales*

