

FIGURES

IN BAS-RELIEF

for flute, oboe, cello, percussion, and piano

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Program Note:

Bas-relief sculptures allow multiple vantage points without distorting the subject's image. The shadows created by changing lighting conditions will also emphasize or hide different aspects of the work. *Figures in Bas-Relief* works in a similar manner, except that changing lighting conditions are exchanged for changing instrumentation. This piece is a series of chords based upon frequency analyses of gongs. Each of the chords are extended for some time, but the instruments in the ensemble are continually exchanging pitches and are playing independently of each other, creating a somewhat hazy and unfinished impression of the chords.

Performance Notes:

1. This piece was written so that it would not require a conductor. However, it would be helpful for the ensemble to elect a leader to make sure that the ensemble is beginning together. For example, in Movements A and B, the leader will count the 5 seconds of silence or sustain and signal when to begin the next gesture.
2. The movements can be played in any order. However, it is preferable not to play Movement C first.
3. Movements A and B are approximately 2 minutes each, and Movement C is about 3 minutes and 30 seconds.
4. The notation is proportional: each player should estimate tempi and duration based on the number of seconds indicated for the section. In Movement A, the players should try to begin each gesture together. In Movement B, the players will listen for the leader to begin the new gesture, and begin soon after. In Movement C, players will begin together and continue at will, striving only to pace their playing according to the indicated durations.
5. It is suggested that during rehearsal, the players view a large clock or stopwatch to learn the pacing. During performance the clock is not necessary, as it is desired for the players to drift from each other.
6. Filled noteheads denote short notes: not necessarily staccato, but short. Open noteheads denote long notes: for these, hold the note until the next indicated note. For very long held notes, it is acceptable to breathe or restrike to continue sustaining the pitch.

Figures in Bas-Relief: Mvt. A

15"

The musical score consists of five staves. The Flute (Fl.), Oboe (Ob.), and Violoncello (Vc.) staves are in treble clef with a key signature of one sharp (F#). The Percussion (Perc.) staff is in treble clef with a key signature of one flat (Bb). The Piano (Pno.) staff is in grand staff (treble and bass clefs) with a key signature of one sharp (F#). All staves feature a continuous eighth-note pattern with accents (>) above each note. The dynamics are marked as *ff* (fortissimo) at the beginning and *pp* (pianissimo) at the end of the piece. The Flute and Oboe parts include the instruction *staccato sempre*. The Percussion part is specifically marked *Marimba: hard mallets*. A bracket above the first four staves indicates a 15-second duration. A fermata is placed over the final note of the Flute staff.

no Ped.

15"

5"

Fl.

Ob.

Vc.

Perc.

Pno.

ff *pp*

ff *pp*

ff *pp*

ff *pp*

ff *pp*

15"

5"

Fl.
Ob.
Vc.
Perc.
Pno.

pp *mf* *pp*

pp *mf* *pp*

pp *mf* *pp*

pp *mf* *pp*

pp *mf* *pp*

The image shows a musical score for five instruments: Flute (Fl.), Oboe (Ob.), Violoncello (Vc.), Percussion (Perc.), and Piano (Pno.). Each instrument part consists of a staff with a treble or bass clef. The Flute, Oboe, and Piano parts are in treble clef, while the Violoncello and Percussion parts are in bass clef. The Piano part is written in a grand staff with both treble and bass clefs. The score features a series of eighth notes with accents (>) and dynamic markings: *pp* (pianissimo), *mf* (mezzo-forte), and *pp* (pianissimo). A bracket above the first four staves indicates a 15-second duration, and a smaller bracket above the Percussion staff indicates a 5-second duration. The Piano part has a key signature of one flat (B-flat).

10"

5"

Musical score for five instruments: Flute (Fl.), Oboe (Ob.), Violoncello (Vc.), Percussion (Perc.), and Piano (Pno.). The score is written in a single system with five staves. The key signature is one flat (B-flat). The Flute, Oboe, and Violoncello parts feature a melodic line of eighth notes with accents, starting at a piano (*pp*) dynamic and ending at a fortissimo (*ff*) dynamic. The Percussion part features a rhythmic pattern of eighth notes with accents, also starting at *pp* and ending at *ff*. The Piano part features a rhythmic pattern of eighth notes with accents, starting at *pp* and ending at *ff*. A bracket above the Flute staff spans the first 10 measures, and a bracket above the Percussion staff spans the last 5 measures. The score concludes with a double bar line.

15"

5"

The image shows a musical score for five instruments: Flute (Fl.), Oboe (Ob.), Violoncello (Vc.), Percussion (Perc.), and Piano (Pno.). Each instrument part consists of a staff with a treble or bass clef, a key signature of one flat (B-flat), and a 4/4 time signature. The Flute, Oboe, and Piano parts are written in treble clef, while the Violoncello and Percussion parts are in bass clef. The Piano part is a grand staff with both treble and bass clefs. All parts feature a series of eighth notes with accents (>) above them. The dynamics are marked as *ff* (fortissimo) at the beginning and *pp* (pianissimo) at the end of the passage, with a hairpin indicating a gradual decrease in volume. A bracket above the Flute staff spans the first 15 measures, and a smaller bracket above the Percussion staff spans the last 5 measures. The score ends with a double bar line.

10" 5" 10"

Fl. *p* *pp*

Ob. *p* *pp*

Vc. *p* *pp*

Perc. *p* *pp*

Pno. *p* *pp*

Detailed description: This is a musical score for five instruments: Flute (Fl.), Oboe (Ob.), Violoncello (Vc.), Percussion (Perc.), and Piano (Pno.). The score is divided into two measures by a double bar line. Above the first measure, a bracket indicates a duration of 10 seconds. Above the second measure, a bracket indicates a duration of 10 seconds, with a smaller bracket above the first few notes indicating a 5-second segment. The Flute and Oboe parts are in treble clef with a key signature of one flat (B-flat). The Violoncello, Percussion, and Piano parts are in bass clef. The Flute and Oboe parts start with a dynamic marking of *p* (piano) and change to *pp* (pianissimo) after the double bar line. The Violoncello, Percussion, and Piano parts also start with *p* and change to *pp* after the double bar line. All parts feature a series of notes with accents (>) above them.

Figures in Bas-Relief: Mvt. B

5" 10" 5"

Fl. *p* *legato sempre*

Ob. *p* *legato sempre*

Vc. *p* *legato sempre*

Perc. Vibraphone: tremolo sempre, soft yarn mallets
p
Ped. throughout

Pno. *p* *legato sempre*
rearticulate where necessary to extend tones
Ped. throughout

Detailed description: The score is for a piece titled 'Figures in Bas-Relief: Mvt. B'. It features five staves: Flute (Fl.), Oboe (Ob.), Violoncello (Vc.), Percussion (Perc.), and Piano (Pno.). The Flute, Oboe, and Violoncello parts are marked with a piano (*p*) dynamic and the instruction 'legato sempre'. The Percussion part is for Vibraphone, played with soft yarn mallets, also marked *p* and 'Ped. throughout'. The Piano part is marked *p* and 'legato sempre', with a note to 'rearticulate where necessary to extend tones' and 'Ped. throughout'. Above the staves, three bracketed measures are labeled with durations: 5", 10", and 5". The music consists of a series of notes, primarily half notes and quarter notes, with some beamed eighth notes in the Percussion and Piano parts.

10"

5"

Fl.

Ob.

Vc.

Perc.

Pno.

Detailed description: This is a musical score for five instruments: Flute (Fl.), Oboe (Ob.), Violoncello (Vc.), Percussion (Perc.), and Piano (Pno.). The score is written on five staves. The Flute, Oboe, and Percussion staves use a treble clef. The Violoncello staff uses a bass clef. The Piano part is written on a grand staff with both treble and bass clefs. The music consists of a series of notes, many of which are beamed together. Above the first two staves, there are two horizontal brackets: the first spans the first ten measures and is labeled '10"', and the second spans the next five measures and is labeled '5"'. The Violoncello staff has a double bar line at the end of the piece, followed by a final treble clef.

15"

5"

Fl.

Musical staff for Flute (Fl.) in treble clef. The staff contains a sequence of notes: G4, A4, Bb4, C5, D5, Eb5, F5, G5, A5, Bb5, C6, D6, Eb6, F6, G6, A6, Bb6, C7.

Ob.

Musical staff for Oboe (Ob.) in treble clef. The staff contains a sequence of notes: G4, A4, Bb4, C5, D5, Eb5, F5, G5, A5, Bb5, C6, D6, Eb6, F6, G6, A6, Bb6, C7.

Vc.

Musical staff for Violin (Vc.) in treble clef. The staff contains a sequence of notes: G4, A4, Bb4, C5, D5, Eb5, F5, G5, A5, Bb5, C6, D6, Eb6, F6, G6, A6, Bb6, C7.

Perc.

Musical staff for Percussion (Perc.) in treble clef. The staff contains a sequence of notes: G4, A4, Bb4, C5, D5, Eb5, F5, G5, A5, Bb5, C6, D6, Eb6, F6, G6, A6, Bb6, C7.

Pno.

Musical staff for Piano (Pno.) in grand staff (treble and bass clefs). The staff contains a sequence of notes: G4, A4, Bb4, C5, D5, Eb5, F5, G5, A5, Bb5, C6, D6, Eb6, F6, G6, A6, Bb6, C7.

10" 5" 5"

Fl.
Ob.
Vc.
Perc.
Pno.

Detailed description: This is a page of a musical score for five instruments: Flute (Fl.), Oboe (Ob.), Violin (Vc.), Percussion (Perc.), and Piano (Pno.). The score is written on five staves. Above the staves, there are three performance markings: a bracket labeled '10"' spanning the first two staves, a bracket labeled '5"' spanning the third staff, and another bracket labeled '5"' spanning the fourth and fifth staves. The Flute, Oboe, and Percussion parts are written in treble clef. The Violin part is written in treble clef, and the Piano part is written in grand staff (treble and bass clefs). The music consists of quarter and eighth notes, some with accidentals (flats and naturals).

5" 5" 5" 5" 10"

Fl.

Ob.

Vc.

Perc.

Pno.

n

n

n

n

n

Figures in Bas-Relief: Mvt. C

20"

Fl. *mf*

Ob. breathe where necessary, then re-enter
p

Vc. bow ad lib
p

Perc. Vibraphone (+ marimba at 1:30)
mp
Ped.

Pno. *mf*
Ped.

Detailed description: This is a musical score for a piece titled "Figures in Bas-Relief: Mvt. C". The score is written for five instruments: Flute (Fl.), Oboe (Ob.), Violin (Vc.), Percussion (Perc.), and Piano (Pno.). The Flute part is in treble clef with a key signature of one flat and a dynamic marking of *mf*. The Oboe part is also in treble clef with a key signature of one flat and a dynamic marking of *p*, with the instruction "breathe where necessary, then re-enter". The Violin part is in bass clef with a key signature of one flat and a dynamic marking of *p*, with the instruction "bow ad lib". The Percussion part is in treble clef with a key signature of one flat and a dynamic marking of *mp*, with the instruction "Vibraphone (+ marimba at 1:30)" and a "Ped." marking. The Piano part consists of two staves in bass clef with a key signature of one flat and a dynamic marking of *mf*, with a "Ped." marking. A bracket above the score indicates a 20-second duration for the first measure. The score is written in a single system with a key signature of one flat.

20"

Fl.

Ob.

Vc.

Perc.

Pno.

mf

mf

f

bow, once per note

depress silently, secure with sostenuto pedal, then strum on the strings to create constant chord

* (release ped)

Detailed description: This is a musical score for five instruments: Flute (Fl.), Oboe (Ob.), Violoncello (Vc.), Percussion (Perc.), and Piano (Pno.). The score is written on five staves. A bracket at the top indicates a 20-measure section. The Flute part has a treble clef and contains a sequence of notes: Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb. The Oboe part has a treble clef and contains notes: Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb. The Violoncello part has a bass clef and contains notes: Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb. The Percussion part has a treble clef and contains notes: Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb, Bb. The Piano part has a grand staff (treble and bass clefs) and contains a complex chord structure. The first measure has a bass clef and a note Bb. The second measure has a treble clef and a complex chord structure. The third measure has a treble clef and a complex chord structure. The fourth measure has a treble clef and a complex chord structure. The fifth measure has a treble clef and a complex chord structure. The sixth measure has a treble clef and a complex chord structure. The seventh measure has a treble clef and a complex chord structure. The eighth measure has a treble clef and a complex chord structure. The ninth measure has a treble clef and a complex chord structure. The tenth measure has a treble clef and a complex chord structure. The eleventh measure has a treble clef and a complex chord structure. The twelfth measure has a treble clef and a complex chord structure. The thirteenth measure has a treble clef and a complex chord structure. The fourteenth measure has a treble clef and a complex chord structure. The fifteenth measure has a treble clef and a complex chord structure. The sixteenth measure has a treble clef and a complex chord structure. The seventeenth measure has a treble clef and a complex chord structure. The eighteenth measure has a treble clef and a complex chord structure. The nineteenth measure has a treble clef and a complex chord structure. The twentieth measure has a treble clef and a complex chord structure.

20"

Fl.

Ob.

Vc.

Perc.

(continue strumming)

Pno.

(as before)

Detailed description: This is a musical score for five instruments: Flute (Fl.), Oboe (Ob.), Violoncello (Vc.), Percussion (Perc.), and Piano (Pno.). The score is written on five staves. The Flute and Oboe parts are in treble clef, while the Violoncello part is in bass clef. The Percussion part is in treble clef. The Piano part consists of two staves, treble and bass clef. A bracket above the first four staves indicates a 20-measure phrase. The Flute part has a melodic line with various intervals. The Oboe part has a similar melodic line. The Violoncello part has a bass line with many sharps. The Percussion part has a rhythmic pattern. The Piano part has a strumming pattern. The score ends with a double bar line and a fermata over the final notes.

20"

Fl.

Ob.

Vc.

Perc.

(strumming)

Pno.

Detailed description: This is a musical score for five instruments: Flute (Fl.), Oboe (Ob.), Violoncello (Vc.), Percussion (Perc.), and Piano (Pno.). The score is written on five staves. The Flute, Oboe, and Violoncello parts feature a melodic line with various notes and rests. The Percussion part consists of a series of rhythmic pulses. The Piano part is marked with '(strumming)' and shows a rhythmic pattern in the right hand, while the left hand is mostly empty. A bracket above the first three staves indicates a 20-measure phrase.

20"

Fl.

Ob.

Vc.

Perc.

Pno.

p

p

pizz.

f

to marimba

(marimba, hard mallets)

mf

(strumming)

(as before) pluck strings:

ff

* (Ped)

Detailed description: This is a page of a musical score for five instruments: Flute (Fl.), Oboe (Ob.), Violoncello (Vc.), Percussion (Perc.), and Piano (Pno.). The score is written in a single system with five staves. A bracket at the top indicates a 20-measure phrase. The Flute and Oboe parts are in treble clef and play a melodic line with a dynamic marking of *p*. The Violoncello part is in bass clef, playing a bass line with a dynamic marking of *f* and a *pizz.* instruction. The Percussion part is in treble clef, with instructions to play on marimba using hard mallets, a dynamic marking of *mf*, and a ** (Ped)* instruction. The Piano part is in grand staff (treble and bass clefs), with instructions for strumming and plucking strings, and a dynamic marking of *ff*.

20"

Fl.

Ob.

Vc.

Perc.

Pno.

(as before)

Detailed description: This is a musical score for five instruments: Flute (Fl.), Oboe (Ob.), Violoncello (Vc.), Percussion (Perc.), and Piano (Pno.). The score is written on five systems of staves. The Flute and Oboe parts are in treble clef, while the Violoncello part is in bass clef. The Percussion part is in treble clef. The Piano part is in grand staff (treble and bass clefs). The Flute and Oboe parts have a 20-measure bracket above them. The Percussion part has a series of notes with accidentals. The Piano part has a series of notes with accidentals and a final measure marked "(as before)".

20"

Musical score for five instruments: Flute (Fl.), Oboe (Ob.), Violoncello (Vc.), Percussion (Perc.), and Piano (Pno.). The score is written on five staves. A bracket above the first staff indicates a 20-measure phrase. The Flute part features a melodic line with a key signature of one flat and a common time signature. The Oboe part has a similar melodic line. The Violoncello part has a more complex rhythmic pattern with many beamed notes. The Percussion part has a rhythmic pattern with many beamed notes. The Piano part has a simple harmonic accompaniment with whole notes in the right hand and half notes in the left hand.

20"

flz.

flz. (if possible)

arco

mp

soft yarns

mp

(as before) strum

f

Musical score for five instruments: Flute (Fl.), Oboe (Ob.), Violoncello (Vc.), Percussion (Perc.), and Piano (Pno.). The score is written in a single system with five staves. The Flute and Oboe parts are in treble clef, while the Violoncello, Percussion, and Piano parts are in bass clef. The Piano part is written in grand staff notation. The score includes various musical notations such as notes, rests, and dynamic markings. A bracket above the Flute and Oboe staves indicates a 20-measure phrase. The Flute part has a 'flz.' marking above the 10th measure. The Oboe part has a 'flz. (if possible)' marking above the 10th measure. The Violoncello part has an 'arco' marking above the 8th measure and a '*mp*' marking below the 10th measure. The Percussion part has a 'soft yarns' marking above the 10th measure and a '*mp*' marking below the 10th measure. The Piano part has '(as before) strum' markings above the 10th measure and a '*f*' marking below the 10th measure.

20"

Fl.

Ob.

Vc.

Perc.

Pno.

no flz.

strum as before + play these keys:

stop strumming, play keys

mp

mf

#0

#0

#0

#0

Detailed description: This is a musical score for five instruments: Flute (Fl.), Oboe (Ob.), Violoncello (Vc.), Percussion (Perc.), and Piano (Pno.). The score is written in a single system with a 20-measure bracket at the top. The Flute and Oboe parts are in treble clef, while the Violoncello part is in bass clef. The Percussion part is in treble clef. The Piano part consists of two staves, treble and bass clef. The Flute part has notes with triplets of eighth notes. The Oboe part has notes with triplets of eighth notes. The Violoncello part has notes with triplets of eighth notes. The Percussion part has notes with triplets of eighth notes. The Piano part has notes with triplets of eighth notes. The Piano part starts with a dynamic marking of *mp* and changes to *mf* later. There are instructions for the Piano part: "strum as before + play these keys:" and "stop strumming, play keys". There is also a "no flz." instruction for the Oboe part. The score ends with a 20-measure bracket at the top.

20"

Fl. *mf*

Ob. *mf*

Vc. *mf* sul pont. ord. sul pont. ord.

Perc. *mp* all tremolo to end of mvt.

Pno. *Ped.*

Detailed description: This page of a musical score features five staves. The Flute (Fl.) and Oboe (Ob.) parts are in treble clef and play a melodic line of eighth notes, starting with a mezzo-forte (*mf*) dynamic. The Violoncello (Vc.) part is in bass clef, playing a sustained chord that shifts from E2 to E3, marked with *mf* and dynamic markings for *sul ponticello* and *ordine*. The Percussion (Perc.) part is in treble clef, playing a rhythmic pattern of eighth notes, marked *mp* with the instruction "all tremolo to end of mvt.". The Piano (Pno.) part is in grand staff, with the right hand playing a tremolo accompaniment and the left hand playing a bass line of eighth notes. A *Ped.* (pedal) marking is present at the bottom.

