

On Structure (2a)

For Clarinet, Violin, and Cello

Andrew Greenwald (2010)

On Structure (2a)

Dynamics

While the score contains no dynamic markings, dynamic shading and interplay between instruments exists. This shading is accomplished through the utilization of various parametric weights (elements of sound production) within the individual instrumentalist's notation. With this in mind, the players should aspire to have the notation speak at the lower end of the dynamic spectrum. While some material will fall far below or far surpass this proposed threshold, a mezzopiano mindstate is ideal.

Tempo and Alignment

Vertical dashed lines signify points of alignment between players. Interaction of players between these points of synchronicity is less clear and essentially spatially oriented. The players should move at the same pace. If divergence occurs, the vertical dashed lines act as points for realignment.

Duration

Each page should take 20-25 seconds (excluding fermatas). As such, denser pages will require slight increases in tempo and pages with less material will require a slight decrease in tempo.

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Strings

The top stave denotes actions of the right hand, and the bottom stave denotes actions of the left hand.
Noteheads with downwards pointing flags **must** be played by the left hand; noteheads with upwards pointing flags **must** be played with the right hand, even when physically awkward.

Right hand

Bow pressure and positioning (col legno, tratto, etc) are notated above the top staff.

Bow Pressures

-  scratch pressure, without pitch
-  noisy, w/ some pitch
-  ord

Bow Positions

-  ord
-  col legno
-  col legno tratto
- 

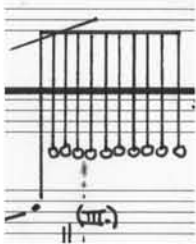
Bow attacks

 Note flags denote a retaking of the bow. Lines connecting noteheads indicate smooth transitions between bow positions.

 Arrows between noteheads indicate vertical movement of the bow in the direction notated.

 Jété

 Reverse jeté- jeté starting at tip and ending at frog

 Bow vibrato (quick back-and-forth motion w/ wrist)

 Staccato scratch w/ frog of bow (no pitch)

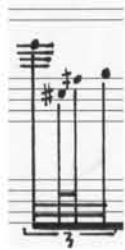
 Pizz w/ nail- very fast back-and-forth motion using front and back of nail (1st finger)

 Pizz behind bridge (L.H.)

 Pizz on opposite side of fingered note (pegbox side)

 Using 1st finger, fast sideways motion across top of bridge (no nail)

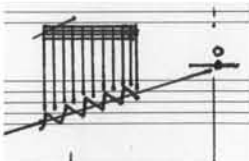
Left Hand



Normal fingering (if no bowing motion is indicated, pitches are fingered only.)



Nail gliss (with harmonic pressure)



Nail gliss with irregular motion



Mute strings



Doublestops in bottom staff are struck and held with fingers given in circles underneath. Notes on the upper staff are fingered with free fingers of the left hand, in front of and behind held doublestops, on assigned string.

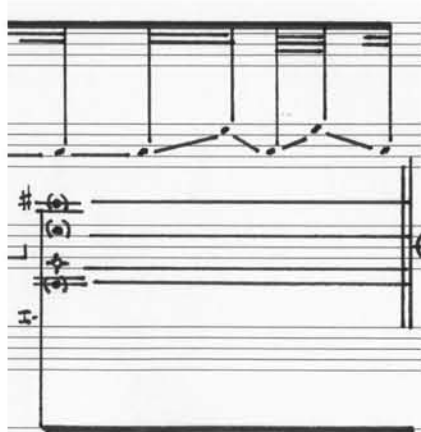
Cello Multiphonics



Cello multiphonics are found in the 4th position on each respective string.



Bow position, pressure, and speed must be experimented with to allow the multiphonic to speak.



When bow is moving from sul pont to tasto, the resulting sound is a scrolling through of the harmonics of the multiphonic. Higher harmonics sound when moving towards the bridge, and lower harmonics sound when moving away from the bridge.

Clarinet (Bb)

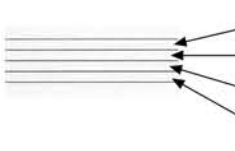
The top stave denotes actions of the right hand, and the bottom stave denotes actions of the left hand.

Mouthpiece orientation

 away from the mouthpiece

 normal embouchure

 overpressure

 overblow
pitch
airy
no pitch

Articulation



Fluttertongue



Throat flutter



Slap tongue



Subtle breath rearticulation



An “i” denotes ingressive articulation



Regular (egressive) articulation

Vocal articulations

t. voiced articulations
k.
th.

CLARINET.

VIOLIN.

CELLO.

Handwritten musical score for three instruments: Clarinet, Violin, and Cello. The score is written on three systems of staves. The Clarinet part is on the top system, the Violin part is on the middle system, and the Cello part is on the bottom system. The Violin part includes markings for fingerings (I, II, III, IV) and bowing (ARCO). The Cello part includes markings for fingerings (I, II, III, IV) and bowing (ARCO). The score is written in a single system, with measures grouped by bar lines. The notation includes notes, rests, and various musical symbols. The paper is aged and shows some staining.

CLARINET.

(AWAY
FROM
MOUTHPIECE)(FINGER PERCUSSION
ON KEYS F# + E.)(TEETH
ON REED.)

VIOLIN.

CELLO.

Handwritten musical score for Clarinet, Violin, and Cello, page 2. The score is written on three systems of staves. The Clarinet part includes various articulations like "AWAY FROM MOUTHPIECE", "FINGER PERCUSSION ON KEYS F# + E.", and "TEETH ON REED.". The Violin and Cello parts feature complex rhythmic patterns and fingerings.

CLARINET.

VIOLIN.

CELLO.

This is a handwritten musical score on three systems, each containing staves for Clarinet, Violin, and Cello. The notation is dense and includes various musical symbols such as notes, rests, accidentals, and dynamic markings. The first system shows the beginning of the piece with a key signature of one sharp (F#). The second system continues the development of the themes. The third system features more complex rhythmic patterns and includes markings for trills (TR.) and vibrato (VIB.). The score is written in a clear, legible hand, typical of a composer's manuscript.

CLARINET.

VIOLIN.

CELLO.

Handwritten musical score for three instruments: Clarinet, Violin, and Cello. The score is written on three systems of staves, each with a treble and bass clef. The Clarinet part is on the top system, the Violin part is on the middle system, and the Cello part is on the bottom system. The music is written in a single system, with measures connected by a horizontal line. The score includes various musical notations such as notes, rests, accidentals, and dynamic markings. The Violin part features a prominent section with a series of sixteenth notes, marked with a forte (f) dynamic. The Cello part includes a section with a series of eighth notes, marked with a forte (f) dynamic. The score is written on a single page, with the page number 4. at the top center. The paper is aged and shows some staining.

CLARINET.

VIOLIN.

CELLO.

Handwritten musical score for three instruments: Clarinet, Violin, and Cello. The score is written on three systems of staves, each with a treble and bass clef. The Clarinet part is on the top system, the Violin part is on the middle system, and the Cello part is on the bottom system. The music is written in a single system, with measures connected by a horizontal line. The score includes various musical notations such as notes, rests, accidentals, and dynamic markings. The Violin part features a prominent section with a series of sixteenth notes, marked with a forte (f) dynamic. The Cello part includes a section with a series of eighth notes, marked with a forte (f) dynamic. The score is written on a single page, with the page number 4. at the top center. The paper is aged and shows some staining.

CLARINET.

Musical score for Clarinet and Piano accompaniment. The Clarinet part is written on a single staff with a treble clef and a key signature of one sharp (F#). It features a series of notes, some marked with circled numbers (1), (2), (3), (4), (5), (6), (7), (8), (9), (10), (11), (12), (13), (14), (15), (16), (17), (18), (19), (20), (21), (22), (23), (24), (25), (26), (27), (28), (29), (30), (31), (32), (33), (34), (35), (36), (37), (38), (39), (40), (41), (42), (43), (44), (45), (46), (47), (48), (49), (50), (51), (52), (53), (54), (55), (56), (57), (58), (59), (60), (61), (62), (63), (64), (65), (66), (67), (68), (69), (70), (71), (72), (73), (74), (75), (76), (77), (78), (79), (80), (81), (82), (83), (84), (85), (86), (87), (88), (89), (90), (91), (92), (93), (94), (95), (96), (97), (98), (99), (100). The Piano accompaniment is written on two staves, with the right hand playing chords and the left hand playing a bass line. The score includes various musical notations such as notes, rests, and dynamic markings.

VIOLIN.

Musical score for Violin and Piano accompaniment. The Violin part is written on a single staff with a treble clef and a key signature of one sharp (F#). It features a series of notes, some marked with circled numbers (1), (2), (3), (4), (5), (6), (7), (8), (9), (10), (11), (12), (13), (14), (15), (16), (17), (18), (19), (20), (21), (22), (23), (24), (25), (26), (27), (28), (29), (30), (31), (32), (33), (34), (35), (36), (37), (38), (39), (40), (41), (42), (43), (44), (45), (46), (47), (48), (49), (50), (51), (52), (53), (54), (55), (56), (57), (58), (59), (60), (61), (62), (63), (64), (65), (66), (67), (68), (69), (70), (71), (72), (73), (74), (75), (76), (77), (78), (79), (80), (81), (82), (83), (84), (85), (86), (87), (88), (89), (90), (91), (92), (93), (94), (95), (96), (97), (98), (99), (100). The Piano accompaniment is written on two staves, with the right hand playing chords and the left hand playing a bass line. The score includes various musical notations such as notes, rests, and dynamic markings.

CELLO.

Musical score for Cello and Piano accompaniment. The Cello part is written on a single staff with a bass clef and a key signature of one sharp (F#). It features a series of notes, some marked with circled numbers (1), (2), (3), (4), (5), (6), (7), (8), (9), (10), (11), (12), (13), (14), (15), (16), (17), (18), (19), (20), (21), (22), (23), (24), (25), (26), (27), (28), (29), (30), (31), (32), (33), (34), (35), (36), (37), (38), (39), (40), (41), (42), (43), (44), (45), (46), (47), (48), (49), (50), (51), (52), (53), (54), (55), (56), (57), (58), (59), (60), (61), (62), (63), (64), (65), (66), (67), (68), (69), (70), (71), (72), (73), (74), (75), (76), (77), (78), (79), (80), (81), (82), (83), (84), (85), (86), (87), (88), (89), (90), (91), (92), (93), (94), (95), (96), (97), (98), (99), (100). The Piano accompaniment is written on two staves, with the right hand playing chords and the left hand playing a bass line. The score includes various musical notations such as notes, rests, and dynamic markings.

CLARINET.

VIOLIN.

CELLO.

TEETH ON REED.

ARCO.

VIB.

7

Handwritten musical score for three instruments: CLARINET, VIOLIN, and CELLO. The score is written on three systems of staves.

CLARINET: The first system shows a key signature of one sharp (F#) and a common time signature (C). The second system includes a dynamic marking of *8va.* (octave up) and a key signature change to one flat (Bb). The third system shows a key signature change to two flats (Bb, Eb).

VIOLIN: The first system is marked *ARCO.* (arco). The second system includes a dynamic marking of *8va.* (octave up) and a key signature change to one flat (Bb). The third system shows a key signature change to two flats (Bb, Eb).

CELLO: The first system is marked *ARCO.* (arco). The second system includes a dynamic marking of *8va.* (octave up) and a key signature change to one flat (Bb). The third system shows a key signature change to two flats (Bb, Eb).

The score includes various musical notations such as notes, rests, accidentals, and dynamic markings. There are also some handwritten annotations and symbols, including a circled 'X' and a circled 'I'.

CLARINET.

VIOLIN.

CELLO.

The musical score is written on three staves. The top staff is for Clarinet, the middle for Violin, and the bottom for Cello. The Clarinet part begins with a series of notes and rests, followed by a complex sequence of notes and rests. The Violin and Cello parts are mostly empty, with some notes and rests visible. The score is written in a handwritten style.

VIOLIN.

Violin part (top staff):

- Measure 1: Pizz. (Pizzicato), notes on strings.
- Measure 2: Notes on strings, fingerings I, II, III, IV.
- Measure 3: Notes on strings, fingerings I, II, III, IV.
- Measure 4: Notes on strings, fingerings I, II, III, IV.

Cello part (bottom staff):

- Measure 1: Pizz. (Pizzicato), notes on strings.
- Measure 2: Notes on strings, fingerings I, II, III, IV.
- Measure 3: Notes on strings, fingerings I, II, III, IV.
- Measure 4: Notes on strings, fingerings I, II, III, IV.

CELLO.

Violin part (top staff):

- Measure 5: Notes on strings, fingerings I, II, III, IV.
- Measure 6: Notes on strings, fingerings I, II, III, IV.
- Measure 7: Notes on strings, fingerings I, II, III, IV.
- Measure 8: Notes on strings, fingerings I, II, III, IV.

Cello part (bottom staff):

- Measure 5: Notes on strings, fingerings I, II, III, IV.
- Measure 6: Notes on strings, fingerings I, II, III, IV.
- Measure 7: Notes on strings, fingerings I, II, III, IV.
- Measure 8: Notes on strings, fingerings I, II, III, IV.

VIOLIN.

CELLO.

Handwritten musical score for Violin and Cello, page 11. The score is written on five staves, with the Violin part on the top two staves and the Cello part on the bottom three staves. The notation includes various musical symbols, including notes, rests, and dynamic markings. Key performance instructions and fingerings are noted throughout the score:

- Violin Part:**
 - Staff 1: *PIZZ.* (Pizzicato), *NAIL PIZZ. I.* (Nail Pizzicato I), *PIZZ.* (Pizzicato).
 - Staff 2: *PIZZ.* (Pizzicato), *R.H. GLISS.* (Right Hand Glissando).
 - Staff 3: *PIZZ.* (Pizzicato), *R.H. GLISS.* (Right Hand Glissando).
 - Staff 4: *PIZZ.* (Pizzicato), *NAIL PIZZ.* (Nail Pizzicato).
- Cello Part:**
 - Staff 1: *PIZZ.* (Pizzicato).
 - Staff 2: *PIZZ.* (Pizzicato), *R.H. GLISS.* (Right Hand Glissando).
 - Staff 3: *PIZZ.* (Pizzicato), *R.H. GLISS.* (Right Hand Glissando).
 - Staff 4: *PIZZ.* (Pizzicato).

The score also includes numerous fingerings (e.g., I, II, III, IV, V) and other performance markings such as *8VA.* (8va) and *PIZZ.* (Pizzicato).

CLARINET.

VIOLIN.

CELLO,

Handwritten musical score for page 12, featuring staves for Clarinet, Violin, and Cello. The score includes various musical notations such as notes, rests, and dynamic markings like "Pizz." and "Arco". There are also some handwritten annotations like "TEETH ON REED." and "R.H. Glass.".

CLARINET.

VIOLIN.

CELLO.

(SUNG) (MOUTH CLOSED)

R.H.
FINGER
PERCUSSIONNAIL
Perc.
I.Perc.
I.ARCO.
I.

CLARINET.

CLARINET. Part 14. The staff shows a series of notes, including a cluster of notes marked (0.) and (1.), and a section labeled (TEETH ON REED). The notation includes various musical symbols such as stems, beams, and accidentals.

(SUNG. MOUTH CLOSED.)

(R.H. ZINGER PERC.)

VIOLIN.

VIOLIN. Part 14. The staff shows a series of notes, including a cluster of notes marked (0.) and (1.), and a section labeled (TEETH ON REED). The notation includes various musical symbols such as stems, beams, and accidentals.

CELLO.

CELLO. Part 14. The staff shows a series of notes, including a cluster of notes marked (0.) and (1.), and a section labeled (TEETH ON REED). The notation includes various musical symbols such as stems, beams, and accidentals.

CLARINET

VIOLIN.

CELLO.

This musical score page, numbered 15, features three staves: Clarinet, Violin, and Cello. The Clarinet staff is in treble clef with a key signature of one flat (B-flat). It contains several measures, including a whole note chord, a whole note, and a half note, with some measures marked with a '1' above the staff. The Violin staff is in treble clef and contains two measures of music, each marked with '8va.' and 'I.'. The Cello staff is in bass clef and contains two measures of music, each marked with 'I.'. The score is written on a system of five staves, with the three instrument staves at the top and two empty staves below. The music is written in a minimalist style, using only notes and rests, with no dynamics or articulation marks.