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Role-Taking in Free Improvisation and Collaborative Composition

Volume II. Improvisation Transcriptions.

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PhD Thesis

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Department of Music

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Key to transcriptions.

↓ = note of unclear pitch.

|||| = (no noteheads) - variable or indeterminable number of notes in gesture.

In *Improvisation 1* and *Improvisation 3*, vertical dashed lines indicate implied barring.

In *Improvisation 2*, vertical dotted lines indicate synchrony between events, and diagonal lines indicate non-synchronous relationships between events.

All transcriptions are written at actual pitch.

Improvisation 1: Player-function roles.

Handwritten musical score for the first system, featuring five staves with various player-function roles indicated by purple annotations:

- Flute:** Solo (p), punctation →
- Oboe:** Solo (p), punctation →
- Saxophone (Alto):** Solo (p), punctation →
- Vibra:** Solo (p), punctation →
- Tuba:** Solo (p), punctation →

The score includes dynamic markings such as *p*, *cresc*, *mf*, and *background*.

Handwritten musical score for the second system, featuring five staves with various player-function roles indicated by purple annotations:

- Fl:** Solo (p), punctation →
- Ob:** Solo (p), punctation →
- Sax:** Solo (p), punctation →
- Vib:** Solo (p), punctation →
- Tuba:** Solo (p), punctation →

The score includes dynamic markings such as *p*, *cresc*, *mf*, and *background*.

Handwritten musical score for the third system, featuring five staves with various player-function roles indicated by purple annotations:

- Fl:** Solo (p), punctation →
- Ob:** Solo (p), punctation →
- Sax:** Solo (p), punctation →
- Vib:** Solo (p), punctation →
- Tuba:** Solo (p), punctation →

The score includes dynamic markings such as *p*, *cresc*, *mf*, and *background*.

The image displays a handwritten musical score for a jazz ensemble, organized into two systems, each with five staves. The instruments are labeled on the left: Flute (Fl), Oboe (Ob), Saxophone (Sax), Vibraphone (vib.), and Tuba. The score is written in a staff with a key signature of one sharp (F#) and a common time signature (C). Various musical notations are used, including notes, rests, and dynamic markings like *f* (forte) and *p* (piano). Handwritten labels in blue ink indicate specific improvisation roles: 'punctuation' (appearing multiple times), 'solo' (for Saxophone), 'heckle' (for Flute and Oboe), 'background' (for Tuba), 'countersolo' (for Flute), 'heckle to solo' (for Oboe), and 'multiphonics trill' (for Tuba). The notation includes various note values, rests, and some specific musical symbols like triplets and slurs.

Fig. 3.1. Improvisation I: Player-function roles.

Improvisation 1: Thematic Groups

Flute

Oboe

Saxophone* (A116)

Vibra

Tuba

Handwritten musical notation for the first system, featuring various notes, rests, and dynamic markings like *p*, *mf*, and *resc*. Circled annotations include b_1 , b_2 , b_3 , b_4 , c_2 , c , c_1 , c_3 , c_4 , c_5 , A , A_1 , A_2 , A_3 , A_4 , A_5 , A_6 , A_7 , A_8 , A_9 , A_{10} , A_{11} , A_{12} , A_{13} , A_{14} , A_{15} , A_{16} , A_{17} , A_{18} , A_{19} , A_{20} , A_{21} , A_{22} , A_{23} , A_{24} , A_{25} , A_{26} , A_{27} , A_{28} , A_{29} , A_{30} , A_{31} , A_{32} , A_{33} , A_{34} , A_{35} , A_{36} , A_{37} , A_{38} , A_{39} , A_{40} , A_{41} , A_{42} , A_{43} , A_{44} , A_{45} , A_{46} , A_{47} , A_{48} , A_{49} , A_{50} , A_{51} , A_{52} , A_{53} , A_{54} , A_{55} , A_{56} , A_{57} , A_{58} , A_{59} , A_{60} , A_{61} , A_{62} , A_{63} , A_{64} , A_{65} , A_{66} , A_{67} , A_{68} , A_{69} , A_{70} , A_{71} , A_{72} , A_{73} , A_{74} , A_{75} , A_{76} , A_{77} , A_{78} , A_{79} , A_{80} , A_{81} , A_{82} , A_{83} , A_{84} , A_{85} , A_{86} , A_{87} , A_{88} , A_{89} , A_{90} , A_{91} , A_{92} , A_{93} , A_{94} , A_{95} , A_{96} , A_{97} , A_{98} , A_{99} , A_{100} .

Fl

Ob

Sax

Vib

Tuba

Handwritten musical notation for the second system, featuring various notes, rests, and dynamic markings like *p*, *mf*, and *resc*. Circled annotations include b_1 , b_2 , b_3 , b_4 , c_2 , c , c_1 , c_3 , c_4 , c_5 , A , A_1 , A_2 , A_3 , A_4 , A_5 , A_6 , A_7 , A_8 , A_9 , A_{10} , A_{11} , A_{12} , A_{13} , A_{14} , A_{15} , A_{16} , A_{17} , A_{18} , A_{19} , A_{20} , A_{21} , A_{22} , A_{23} , A_{24} , A_{25} , A_{26} , A_{27} , A_{28} , A_{29} , A_{30} , A_{31} , A_{32} , A_{33} , A_{34} , A_{35} , A_{36} , A_{37} , A_{38} , A_{39} , A_{40} , A_{41} , A_{42} , A_{43} , A_{44} , A_{45} , A_{46} , A_{47} , A_{48} , A_{49} , A_{50} , A_{51} , A_{52} , A_{53} , A_{54} , A_{55} , A_{56} , A_{57} , A_{58} , A_{59} , A_{60} , A_{61} , A_{62} , A_{63} , A_{64} , A_{65} , A_{66} , A_{67} , A_{68} , A_{69} , A_{70} , A_{71} , A_{72} , A_{73} , A_{74} , A_{75} , A_{76} , A_{77} , A_{78} , A_{79} , A_{80} , A_{81} , A_{82} , A_{83} , A_{84} , A_{85} , A_{86} , A_{87} , A_{88} , A_{89} , A_{90} , A_{91} , A_{92} , A_{93} , A_{94} , A_{95} , A_{96} , A_{97} , A_{98} , A_{99} , A_{100} .

Fl

Ob

Sax

Vib

Tuba

Handwritten musical notation for the third system, featuring various notes, rests, and dynamic markings like *p*, *mf*, and *resc*. Circled annotations include b_1 , b_2 , b_3 , b_4 , c_2 , c , c_1 , c_3 , c_4 , c_5 , A , A_1 , A_2 , A_3 , A_4 , A_5 , A_6 , A_7 , A_8 , A_9 , A_{10} , A_{11} , A_{12} , A_{13} , A_{14} , A_{15} , A_{16} , A_{17} , A_{18} , A_{19} , A_{20} , A_{21} , A_{22} , A_{23} , A_{24} , A_{25} , A_{26} , A_{27} , A_{28} , A_{29} , A_{30} , A_{31} , A_{32} , A_{33} , A_{34} , A_{35} , A_{36} , A_{37} , A_{38} , A_{39} , A_{40} , A_{41} , A_{42} , A_{43} , A_{44} , A_{45} , A_{46} , A_{47} , A_{48} , A_{49} , A_{50} , A_{51} , A_{52} , A_{53} , A_{54} , A_{55} , A_{56} , A_{57} , A_{58} , A_{59} , A_{60} , A_{61} , A_{62} , A_{63} , A_{64} , A_{65} , A_{66} , A_{67} , A_{68} , A_{69} , A_{70} , A_{71} , A_{72} , A_{73} , A_{74} , A_{75} , A_{76} , A_{77} , A_{78} , A_{79} , A_{80} , A_{81} , A_{82} , A_{83} , A_{84} , A_{85} , A_{86} , A_{87} , A_{88} , A_{89} , A_{90} , A_{91} , A_{92} , A_{93} , A_{94} , A_{95} , A_{96} , A_{97} , A_{98} , A_{99} , A_{100} .

Handwritten musical score for a woodwind quintet, featuring five staves: Flute (Fl), Oboe (Ob), Saxophone (Sax), Vibraphone (vib.), and Tuba. The score is written in common time (C) and includes various musical notations such as notes, rests, and dynamic markings (p, f). The score is divided into two systems, each with a key signature change indicated by a double bar line and a key signature symbol (F# for the first system, C for the second system). The notation includes various musical symbols and annotations, such as "K1", "K2", "K3", "K4", "K5", "K6", "K7", "K8", "K9", "K10", "K11", "K12", "K13", "K14", "K15", "K16", "K17", "K18", "K19", "K20", "K21", "K22", "K23", "K24", "K25", "K26", "K27", "K28", "K29", "K30", "K31", "K32", "K33", "K34", "K35", "K36", "K37", "K38", "K39", "K40", "K41", "K42", "K43", "K44", "K45", "K46", "K47", "K48", "K49", "K50", "K51", "K52", "K53", "K54", "K55", "K56", "K57", "K58", "K59", "K60", "K61", "K62", "K63", "K64", "K65", "K66", "K67", "K68", "K69", "K70", "K71", "K72", "K73", "K74", "K75", "K76", "K77", "K78", "K79", "K80", "K81", "K82", "K83", "K84", "K85", "K86", "K87", "K88", "K89", "K90", "K91", "K92", "K93", "K94", "K95", "K96", "K97", "K98", "K99", "K100".

Fig. 3.2. *Improvisation 1: Thematic groups analysis.*

Improvisation 1: Thematic sets.

Flute

Oboe

Saxophone* (Alto)

Vibra

Tuba

Fl

Ob

Sax

Vib

Tuba

Fl

Ob

Sax

Vib

Tuba

Fl

Ob

Sax

vib.

Tuba

Fl

Ob

Sax

vib.

Tuba

Key:

set a' set a'' set a''' set b' set b'' set b'''

Fig. 3.5. Improvisation 1: Thematic sets.

heckle (to contra solo)

Handwritten musical score for a jazz ensemble, featuring staves for Oboe (ob), Saxophone (Sax), Piano (Pno), Vibraphone (vibe), and Tuba. The score is divided into two sections, labeled [2] and [3].

Section [2]:

- ob:** Labeled "heckle → contra background". The staff shows a wavy line representing a background texture, with a "br" (breath mark) and a "flatter" instruction.
- Sax:** Labeled "heckle → countersolo". The staff shows a melodic line with a "br" and a "p" (piano) dynamic marking.
- Pno:** Labeled "heckle → countersolo". The staff shows a rhythmic pattern with a "br" and a "p" dynamic marking.
- vibe:** Labeled "solo". The staff shows a melodic line with a "br" and a "p" dynamic marking.
- Tuba:** Labeled "mf" (mezzo-forte). The staff shows a rhythmic pattern with a "br" and a "p" dynamic marking.

Section [3]:

- ob:** Labeled "background". The staff shows a wavy line representing a background texture, with a "br" and a "flatter" instruction.
- Sax:** Labeled "contrasolo". The staff shows a melodic line with a "br" and a "p" dynamic marking.
- Pno:** Labeled "heckle". The staff shows a rhythmic pattern with a "br" and a "p" dynamic marking.
- vibe:** Labeled "countersolo". The staff shows a melodic line with a "br" and a "p" dynamic marking.
- Tuba:** Labeled "mf". The staff shows a rhythmic pattern with a "br" and a "p" dynamic marking.

4

Ob. ? heckle

Sax. heckle 3 → p. light

Pno. background

vib. (countersolo)

Tuba. solo (wider + slower)

5 background

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

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82

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84

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96

97

98

99

100

Ob. 7

Sax. 7

Pno. 7

vib. 7

Tuba. 7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

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95

96

97

98

99

100

Fig 3.11

Handwritten musical score for a jazz ensemble, featuring parts for Oboe (Ob), Saxophone (Sax), Piano (Pno), Vibraphone (Vibe), and Tuba. The score is divided into measures 10 through 16, with various musical notations and performance instructions.

Measure 10: Ob plays a **contra solo** (marked **tr**). Sax plays **background**. Pno plays **counter solo** (marked **p**). Vibe plays **counter solo** (marked **rit**). Tuba plays **counter solo** (marked **acel** to **trill**).

Measure 11: Ob plays **background**. Sax plays **background**. Pno plays **background**. Vibe plays **background**. Tuba plays **background**.

Measure 12: Ob plays **background**. Sax plays **background**. Pno plays **background**. Vibe plays **background**. Tuba plays **background**.

Measure 13: Ob plays **background**. Sax plays **background**. Pno plays **background**. Vibe plays **background**. Tuba plays **background**.

Measure 14: Ob plays **background**. Sax plays **background**. Pno plays **background**. Vibe plays **background**. Tuba plays **background**.

Measure 15: Ob plays **background**. Sax plays **background**. Pno plays **background**. Vibe plays **background**. Tuba plays **background**.

Measure 16: Ob plays **background**. Sax plays **background**. Pno plays **background**. Vibe plays **background**. Tuba plays **background**.

Fig. 3.11.1. *Improvisation 2: Player-function roles.*

Improvisation 2: Thematic groups.

Handwritten musical score for Improvisation 2, Thematic groups. The score is for five instruments: Ob, Sax, Pno, Vibe, and Tuba. The notation includes various musical symbols such as notes, rests, and dynamic markings. The score is divided into several measures, with thematic groups circled in red, yellow, and blue. The red circles highlight specific melodic lines, while the yellow and blue circles highlight other thematic elements. The score is written in a clear, legible hand.

Handwritten musical score for Improvisation 2, Thematic groups. The score is for five instruments: Ob, Sax, Pno, Vibe, and Tuba. The notation includes various musical symbols such as notes, rests, and dynamic markings. The score is divided into several measures, with thematic groups circled in red, yellow, and blue. The red circles highlight specific melodic lines, while the yellow and blue circles highlight other thematic elements. The score is written in a clear, legible hand.

Handwritten musical score for measures 4 and 5. The score includes parts for Ob., Sax, Pno, Vibe, and Tuba.

Measure 4:

- Ob.:** Notes circled in green and yellow. Marked with $E3$.
- Sax:** Notes circled in brown. Marked with I and $p, light$.
- Pno:** Notes circled in blue. Marked with B and $b8$.
- Vibe:** Notes circled in orange. Marked with $C4$ and $C9$.
- Tuba:** Notes circled in orange. Marked with $C9$ and 3 .

Measure 5:

- Ob.:** Notes circled in green. Marked with F and 5 .
- Sax:** Notes circled in purple. Marked with K and $C11$.
- Pno:** Notes circled in blue. Marked with B and $\#8$.
- Vibe:** Notes circled in orange. Marked with $C12$ and f .
- Tuba:** Notes circled in orange. Marked with f .

Additional markings include p (piano) and f (forte).

Handwritten musical score for measures 6, 7, 8, 9, and 10. The score includes parts for Ob., Sax, Pno, Vibe, and Tuba.

Measure 6:

- Ob.:** Notes circled in green. Marked with F and 6 .
- Sax:** Notes circled in purple. Marked with $K1$ and $C13/K3$.
- Pno:** Notes circled in blue. Marked with $B1$ and $\#8$.
- Vibe:** Notes circled in yellow. Marked with $C14$ and $E4$.
- Tuba:** Notes circled in purple. Marked with $K2$ and $C6$.

Measure 7:

- Ob.:** Notes circled in green. Marked with F and 7 .
- Sax:** Notes circled in purple. Marked with $K4$ and $C14$.
- Pno:** Notes circled in blue. Marked with B .
- Vibe:** Notes circled in yellow. Marked with $E4$.
- Tuba:** Notes circled in purple. Marked with $K4$ and $C6$.

Measure 8:

- Ob.:** Notes circled in green. Marked with F and 8 .
- Sax:** Notes circled in purple. Marked with $K1$ and $C13/K3$.
- Pno:** Notes circled in blue. Marked with $B1$ and $\#8$.
- Vibe:** Notes circled in yellow. Marked with $C14$ and $E4$.
- Tuba:** Notes circled in purple. Marked with $K2$ and $C6$.

Measure 9:

- Ob.:** Notes circled in green. Marked with F and 9 .
- Sax:** Notes circled in purple. Marked with $K1$ and $C13/K3$.
- Pno:** Notes circled in blue. Marked with $B1$ and $\#8$.
- Vibe:** Notes circled in yellow. Marked with $C14$ and $E4$.
- Tuba:** Notes circled in purple. Marked with $K2$ and $C6$.

Measure 10:

- Ob.:** Notes circled in green. Marked with F and 10 .
- Sax:** Notes circled in purple. Marked with $K1$ and $C13/K3$.
- Pno:** Notes circled in blue. Marked with $B1$ and $\#8$.
- Vibe:** Notes circled in yellow. Marked with $C14$ and $E4$.
- Tuba:** Notes circled in purple. Marked with $K2$ and $C6$.

Additional markings include p (piano), f (forte), $chrom?$ (chromatic), and $p con ped.$ (piano con pedal).

Handwritten musical score for improvisation 2, featuring six systems of staves for various instruments. The score includes notes, rests, and dynamic markings, with thematic groups highlighted by colored circles and boxes. The instruments are labeled on the left: Ob, Sax, Pno, Vibe, Tuba, Ob, Sax, Pno, Vibe, Tuba. The systems are numbered 10, 11, 12, 13, 14, 15, 16. The score includes various musical notations such as notes, rests, and dynamic markings like 'p', 'f', 'mf', 'ff', 'rit', 'acc', 'br', 'sim', 'ch. al fin'. The thematic groups are highlighted with colored circles and boxes, and some are labeled with letters like 'B', 'L', 'C16', 'C15', 'C17', 'C18', 'C19', 'C20', 'E8', 'E7', 'F', 'F4', 'F5', 'N', 'N1', 'N2', 'N3', 'N4', 'N5', 'N6', 'N7', 'N8', 'N9', 'N10', 'N11', 'N12', 'N13', 'N14', 'N15', 'N16', 'N17', 'N18', 'N19', 'N20', 'N21', 'N22', 'N23', 'N24', 'N25', 'N26', 'N27', 'N28', 'N29', 'N30', 'N31', 'N32', 'N33', 'N34', 'N35', 'N36', 'N37', 'N38', 'N39', 'N40', 'N41', 'N42', 'N43', 'N44', 'N45', 'N46', 'N47', 'N48', 'N49', 'N50', 'N51', 'N52', 'N53', 'N54', 'N55', 'N56', 'N57', 'N58', 'N59', 'N60', 'N61', 'N62', 'N63', 'N64', 'N65', 'N66', 'N67', 'N68', 'N69', 'N70', 'N71', 'N72', 'N73', 'N74', 'N75', 'N76', 'N77', 'N78', 'N79', 'N80', 'N81', 'N82', 'N83', 'N84', 'N85', 'N86', 'N87', 'N88', 'N89', 'N90', 'N91', 'N92', 'N93', 'N94', 'N95', 'N96', 'N97', 'N98', 'N99', 'N100'.

Fig. 3.13. Improvisation 2: Thematic groups.

Improvisation 2: Thematic sets.

Handwritten musical score for Improvisation 2, Thematic sets. The score is written for five instruments: Eb, Sax, Pno, Vibe, and Tuba. The notation includes various musical symbols such as notes, rests, and dynamic markings. Key features include:

- Instrumentation:** Eb, Sax, Pno, Vibe, Tuba.
- Notation:** The score is written in a staff format with various musical symbols including notes, rests, and dynamic markings.
- Annotations:** The score includes handwritten annotations such as "A", "A1", "A2", "A3", "A4", "A5", "A6", "A7", "A8", "A9", "A10", "A11", "A12", "A13", "A14", "A15", "A16", "A17", "A18", "A19", "A20", "A21", "A22", "A23", "A24", "A25", "A26", "A27", "A28", "A29", "A30", "A31", "A32", "A33", "A34", "A35", "A36", "A37", "A38", "A39", "A40", "A41", "A42", "A43", "A44", "A45", "A46", "A47", "A48", "A49", "A50", "A51", "A52", "A53", "A54", "A55", "A56", "A57", "A58", "A59", "A60", "A61", "A62", "A63", "A64", "A65", "A66", "A67", "A68", "A69", "A70", "A71", "A72", "A73", "A74", "A75", "A76", "A77", "A78", "A79", "A80", "A81", "A82", "A83", "A84", "A85", "A86", "A87", "A88", "A89", "A90", "A91", "A92", "A93", "A94", "A95", "A96", "A97", "A98", "A99", "A100".

Handwritten musical score for Improvisation 2, Thematic sets. The score is written for five instruments: Eb, Sax, Pno, Vibe, and Tuba. The notation includes various musical symbols such as notes, rests, and dynamic markings. Key features include:

- Instrumentation:** Eb, Sax, Pno, Vibe, Tuba.
- Notation:** The score is written in a staff format with various musical symbols including notes, rests, and dynamic markings.
- Annotations:** The score includes handwritten annotations such as "A", "A1", "A2", "A3", "A4", "A5", "A6", "A7", "A8", "A9", "A10", "A11", "A12", "A13", "A14", "A15", "A16", "A17", "A18", "A19", "A20", "A21", "A22", "A23", "A24", "A25", "A26", "A27", "A28", "A29", "A30", "A31", "A32", "A33", "A34", "A35", "A36", "A37", "A38", "A39", "A40", "A41", "A42", "A43", "A44", "A45", "A46", "A47", "A48", "A49", "A50", "A51", "A52", "A53", "A54", "A55", "A56", "A57", "A58", "A59", "A60", "A61", "A62", "A63", "A64", "A65", "A66", "A67", "A68", "A69", "A70", "A71", "A72", "A73", "A74", "A75", "A76", "A77", "A78", "A79", "A80", "A81", "A82", "A83", "A84", "A85", "A86", "A87", "A88", "A89", "A90", "A91", "A92", "A93", "A94", "A95", "A96", "A97", "A98", "A99", "A100".

[illegible]

Handwritten musical score for a symphony orchestra, featuring staves for Oboe (Ob), Saxophone (Sax), Piano (Pno), Vibraphone (vibe), and Tuba. The score is divided into measures 10 through 17, with various musical notations, dynamics, and performance instructions.

Measure 10: Oboe (Ob) plays a melodic line starting on C₄/E₆. Saxophone (Sax) plays a melodic line starting on J₁. Piano (Pno) plays a melodic line starting on B. Vibraphone (vibe) plays a melodic line starting on C₁₆. Tuba plays a melodic line starting on C₁₅. Dynamics include *p* and *f*. Performance instructions include "Free, expressively" and "F₃ accel to full".

Measure 11: Oboe (Ob) plays a melodic line starting on F₃. Saxophone (Sax) plays a melodic line starting on J₁. Piano (Pno) plays a melodic line starting on B. Vibraphone (vibe) plays a melodic line starting on C₁₆. Tuba plays a melodic line starting on C₁₅. Dynamics include *p* and *f*. Performance instructions include "Free, expressively" and "F₃ accel to full".

Measure 12: Oboe (Ob) plays a melodic line starting on F₃. Saxophone (Sax) plays a melodic line starting on J₁. Piano (Pno) plays a melodic line starting on B. Vibraphone (vibe) plays a melodic line starting on C₁₆. Tuba plays a melodic line starting on C₁₅. Dynamics include *p* and *f*. Performance instructions include "Free, expressively" and "F₃ accel to full".

Measure 13: Oboe (Ob) plays a melodic line starting on F₃. Saxophone (Sax) plays a melodic line starting on J₁. Piano (Pno) plays a melodic line starting on B. Vibraphone (vibe) plays a melodic line starting on C₁₆. Tuba plays a melodic line starting on C₁₅. Dynamics include *p* and *f*. Performance instructions include "Free, expressively" and "F₃ accel to full".

Measure 14: Oboe (Ob) plays a melodic line starting on F₃. Saxophone (Sax) plays a melodic line starting on J₁. Piano (Pno) plays a melodic line starting on B. Vibraphone (vibe) plays a melodic line starting on C₁₆. Tuba plays a melodic line starting on C₁₅. Dynamics include *p* and *f*. Performance instructions include "Free, expressively" and "F₃ accel to full".

Measure 15: Oboe (Ob) plays a melodic line starting on F₃. Saxophone (Sax) plays a melodic line starting on J₁. Piano (Pno) plays a melodic line starting on B. Vibraphone (vibe) plays a melodic line starting on C₁₆. Tuba plays a melodic line starting on C₁₅. Dynamics include *p* and *f*. Performance instructions include "Free, expressively" and "F₃ accel to full".

Measure 16: Oboe (Ob) plays a melodic line starting on F₃. Saxophone (Sax) plays a melodic line starting on J₁. Piano (Pno) plays a melodic line starting on B. Vibraphone (vibe) plays a melodic line starting on C₁₆. Tuba plays a melodic line starting on C₁₅. Dynamics include *p* and *f*. Performance instructions include "Free, expressively" and "F₃ accel to full".

Measure 17: Oboe (Ob) plays a melodic line starting on F₃. Saxophone (Sax) plays a melodic line starting on J₁. Piano (Pno) plays a melodic line starting on B. Vibraphone (vibe) plays a melodic line starting on C₁₆. Tuba plays a melodic line starting on C₁₅. Dynamics include *p* and *f*. Performance instructions include "Free, expressively" and "F₃ accel to full".

set a' set a'' set a''' set b' set c' set c''

Fig. 3.15. *Improvisation 2: Thematic sets.*

Improvisation 3: Player-function roles

Handwritten musical score for Improvisation 3, featuring player-function roles. The score is written for a 12-piece band (12 bongos) and includes parts for Flute (Fl), Oboe (Ob), Alto Sax, Tenor Sax, Synth, Piano (Pno), and Drums (Drums).

Player-Function Roles:

- Flute (Fl):** Solo (marked with a blue arrow and "Solo")
- Oboe (Ob):** Countersolo (marked with a blue arrow and "countersolo")
- Alto Sax:** Harmonics (marked with a blue arrow and "harmonics")
- Tenor Sax:** Constant pulse (marked with a blue arrow and "constant pulse")
- Synth:** Background (marked with a blue arrow and "background")
- Piano (Pno):** Background (marked with a blue arrow and "background")
- Drums (Drums):** 12 bongos

The score is written in a system of staves, with the Flute part starting with a "Solo" and the Oboe part with a "Countersolo". The Alto Sax part includes "harmonics". The Tenor Sax part has a "constant pulse". The Synth and Piano parts are marked as "background".

Handwritten musical score for Improvisation 3, featuring player-function roles. The score is written for a 12-piece band (12 bongos) and includes parts for Flute (Fl), Oboe (Ob), Alto Sax, Tenor Sax, Synth, Piano (Pno), and Drums (Drums).

Player-Function Roles:

- Flute (Fl):** Solo (marked with a blue arrow and "Solo")
- Oboe (Ob):** Countersolo (marked with a blue arrow and "countersolo")
- Alto Sax:** Countersolo (marked with a blue arrow and "countersolo")
- Tenor Sax:** Countersolo (marked with a blue arrow and "countersolo")
- Synth:** Background (marked with a blue arrow and "background")
- Piano (Pno):** Background (marked with a blue arrow and "background")
- Drums (Drums):** 12 bongos

The score is written in a system of staves, with the Flute part starting with a "Solo" and the Oboe part with a "Countersolo". The Alto Sax and Tenor Sax parts also have "Countersolo" markings. The Synth and Piano parts are marked as "background".

14

punctuation → background

contrasolo → background

fl

ob (lose timing) →

Alto Sax

Tenor Sax

Synth

Pno

Drs

solos

c/solo

background

countersolo

c/solo

background

countersolo

21

25

fl

ob

alto Sax

tenor Sax

Synth

pno

drs

background

solos

solos/punctuation

solos/contrasolos

solos

white noise

punct.

counterbackground

Handwritten musical score for a jazz ensemble, featuring staves for Flute (Fl), Oboe (Ob), Alto Saxophone (Alto Sax), Tenor Saxophone (Tenor Sax), Synthesizer (Synth), Piano (Pno), and Double Bass (Dbs). The score includes various musical notations such as notes, rests, and dynamic markings, along with handwritten annotations in blue ink:

- Fl:** *poco allargando* (written vertically).
- Ob:** *punct.* (written vertically), *solo* (written vertically).
- Alto Sax:** *poco allargando* (written vertically), *punct.* (written vertically).
- Tenor Sax:** *solo* (written vertically), *punct.* (written vertically), *contrasolo* (written vertically), *counter solo/punct?* (written vertically), *punct. to alto sax?* (written vertically).
- Synth:** *punct.* (written vertically).
- Pno:** *poco allargando* (written vertically), *high clusters around Bb* (written vertically).
- Dbs:** *contra background* (written vertically).

The score is written on a system of staves, with the piano part (Pno) and double bass part (Dbs) spanning multiple staves. The notation includes various musical symbols such as notes, rests, and dynamic markings, along with handwritten annotations in blue ink.

slower.

Fl

Ob

Mtr Sax

Tenor Sax

Synth

Pno

Dr

punctuation/heckle

punctuation

punct.

white noise

block/punct

gliss

gliss (white notes)

background/solo

very low clusters

(Contrabass background)

(slightly faster than pno)

Fig. 4.1. *Improvisation 3: Player-function roles*

Improvisation 3: Thematic sets.

Handwritten musical score for Improvisation 3, Thematic sets. The score is written for Flute (Fl), Oboe (Ob), Alto Saxophone (Alto Sax), Tenor Saxophone (Tenor Sax), Synthesizer (Synth), Piano (Pno), and Drums (Drums). The piano part is marked "(2 bongos)".

The score is divided into two systems. The first system includes a section for the Synthesizer labeled "pulsing white noise - varying pitch." with a "constant pulse" annotation. The piano part features a sequence of notes labeled A1, A2, A3, A4, G1, and G2, which are circled in blue. The flute part has a circled section labeled "harmonics".

Handwritten musical score for Improvisation 3, Thematic sets. The score is written for Flute (Fl), Oboe (Ob), Alto Saxophone (Alto Sax), Tenor Saxophone (Tenor Sax), Synthesizer (Synth), Piano (Pno), and Drums (Drums). The piano part is marked "(2 bongos)".

The score is divided into two systems. The first system includes a section for the Synthesizer labeled "pulsing white noise - varying pitch." with a "constant pulse" annotation. The piano part features a sequence of notes labeled A1, A2, A3, A4, G1, and G2, which are circled in blue. The flute part has a circled section labeled "harmonics".

