



MTO 25.3 Examples: Michaelsen, Making “Anti-Music”

(Note: audio, video, and other interactive examples are only available online)

<https://www.mtosmt.org/issues/mto.19.25.3/mto.19.25.3.michaelsen.html>

Example 1. “Agitation” melodic lines

or

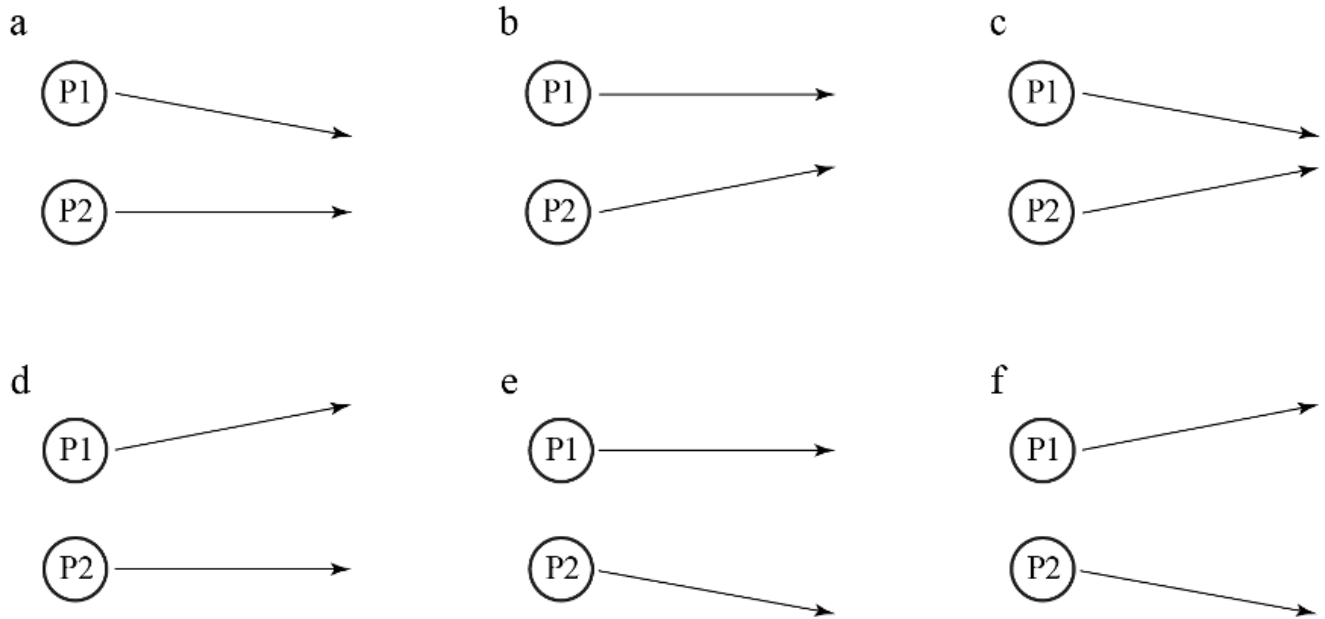
Example 2. Timeline of Shorter's solo on "Agitation," December 22, 1965, set two

Time:	2:47	2:58	3:12	3:18	3:21	3:29	4:35	
Davis (tpt):	Low pitches		Tacet		Tune background Tacet			
Shorter (tenor):			Solo	Tune		Irregular utterances	Fast lines	
Hancock (pno):	Chords	Ostinato	New chord			Sparse chords		
Carter (bass):	Fast walk	G-Db	G pedal			Fast walk	Slow walk	
Williams (drums):	Fast time	Dissolving time	Free			Slow, irregular time	Fast time	

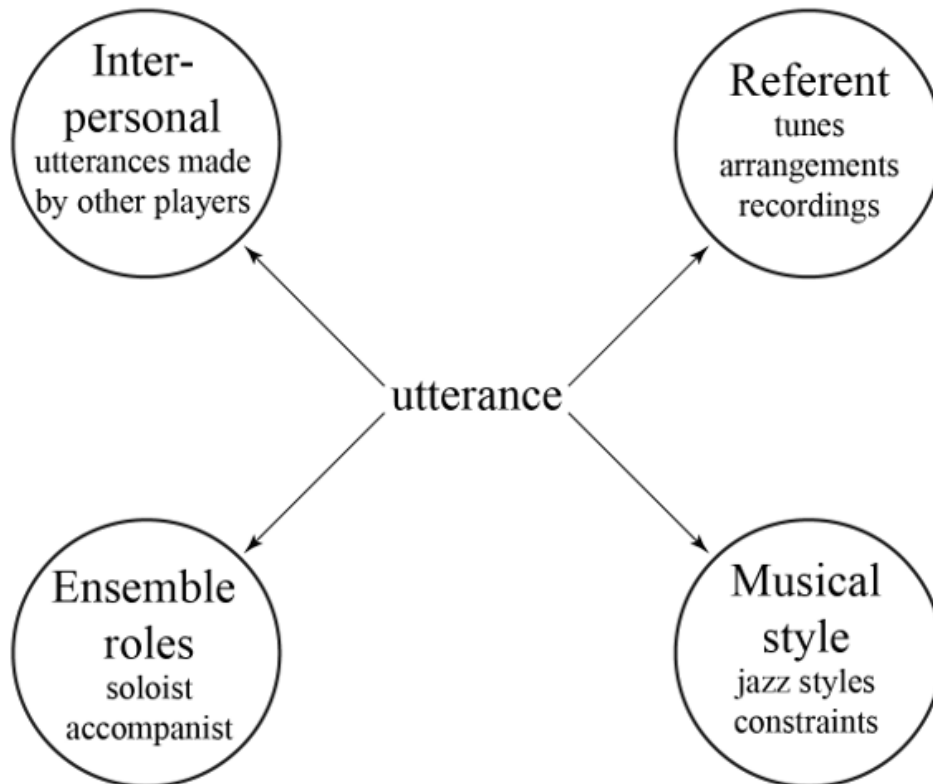
Time:	5:31	5:46	5:52	6:16	6:21	6:27	6:35	
Shorter (tenor):	High F-E-Eb	G! Tune		"Chaos"				
Hancock (pno):	Clusters		Ostinato		G plucked strings			
Carter (bass):	Irregular walk		Decelerating walk	Fast walk		Deceleration to G		
Williams (drums):	Free meter		Decelerating time		Fast time	Cymbal color	Tacet	

Time:	6:50	6:55	7:03	7:07	7:27	7:37	7:47	7:55
Shorter (tenor):	Tune	Tune development		Fast lines		Tune	Outburst	Tacet
Hancock (pno):	Offbeats				Cadential chords	Offbeats		Solo
Carter (bass):	Offbeats		Fast walk	G-C	Fast walk		G pedal	
Williams (drums):	Fast time							

Example 3. Convergence and divergence



Example 4. Visualization of musical interaction



Example 5. "My Funny Valentine" lead sheet (adapted from Brofsky 1983, 37)

The image displays a lead sheet for the song "My Funny Valentine" in 4/4 time, featuring five systems of music. Each system consists of a treble clef staff with a key signature of two flats (B-flat and E-flat) and a series of notes. Above the notes, chord symbols are provided for each measure. The systems are labeled with measure numbers and section letters:

- System 1 (Measures 1-8):** Labeled with a boxed 'A'. Chords: Cm, Cm(#7), Cm7, Cm6, AbM7, Fm7, Dm7(b5), G7(b9).
- System 2 (Measures 9-16):** Labeled with a boxed 'A'. Chords: Cm, Cm(#7), Cm7, Cm6, AbM7, Fm7, Abm6, Bb7(b9).
- System 3 (Measures 17-24):** Labeled with a boxed 'B'. Chords: EbM7, Fm7, Gm7, Fm7, EbM7, Fm7, Gm7, Fm7, EbM7, G7, Cm, Bb7, A7, AbM7, Dm7(b5), G7(b9).
- System 4 (Measures 25-32):** Labeled with a boxed 'A' with a prime symbol (A'). Chords: Cm, Cm(#7), Cm7, Cm6, AbM7, Dm7(b5), G7(b9), Cm, B13, Bbm7, A7#11.
- System 5 (Measures 33-34):** Labeled with measure number 33. Chords: AbM7, Fm7, Bb7(b9), EbM7, Dm7(b5), G7(b9).

Example 6. Davis and Carter between "Agitation" and "My Funny Valentine," December 23, set two

0:00

A Out of time

B

Davis

Carter

C

D bend

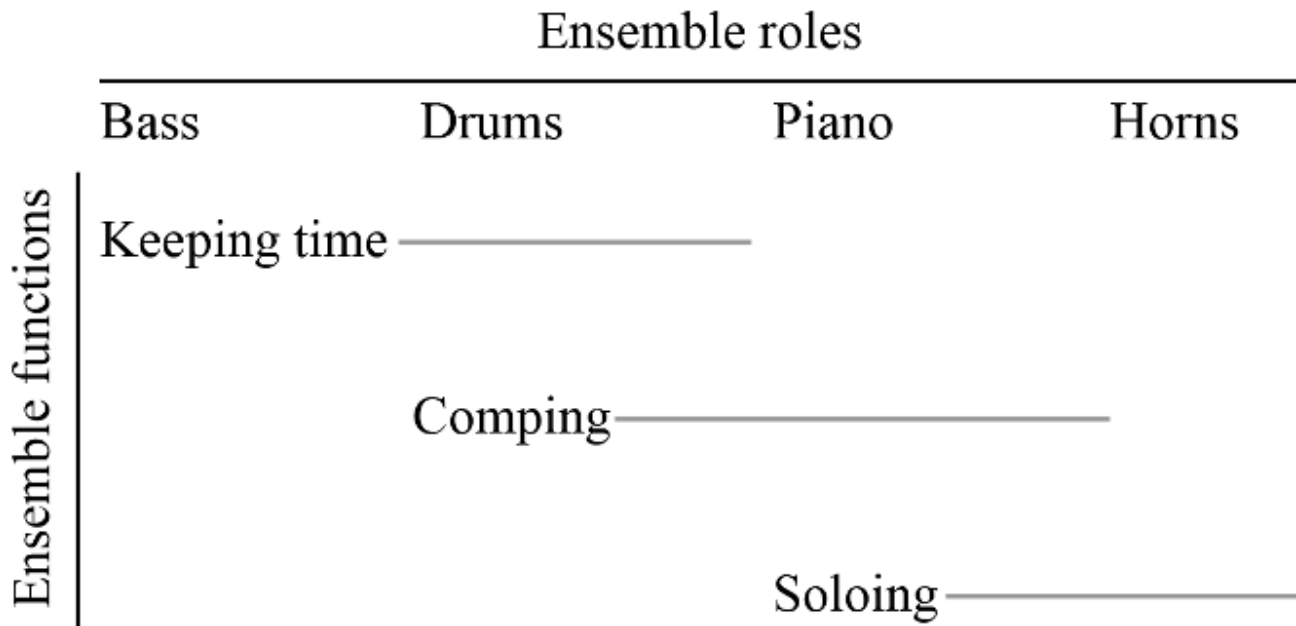
E scoop fall

F

G Ballad time

The musical score is written for two staves, Davis (top) and Carter (bottom), in a key signature of two flats (B-flat and E-flat). The time signature is 4/4. Section A, labeled 'Out of time', begins at 0:00. Section B follows. Section C features a triplet of eighth notes in the bass line. Section D includes a 'bend' instruction for a note in the Davis part. Section E includes 'scoop' and 'fall' instructions for notes in the Davis part. Section F contains a triplet of eighth notes in the Davis part. Section G, labeled 'Ballad time', changes the time signature to 4/4 and features a slower, more melodic line in the Davis part and a steady bass line.

Example 7. Relationships between ensemble roles and ensemble functions



Example 8. Opening timings of “When I Fall in Love,” mm. 1–25

	Time: 0:04	0:35	0:46	1:20	1:54	2:19	2:37
Davis (tpt):	Rubato	Ballad time	Standard time	Double time			
Hancock (pno):	Rubato	Ballad time	Standard time	Double time			
Carter (bass):	Bass line	Sustained pitches	Half notes	Quarter-note walk	Half notes	Quarter-note walk	
Williams (drums):		Ballad “stir”	Standard time	Double time			
Tempo (in BPM):	N/A	~56	~120		~265		

Example 9. Excerpt from Hancock's solo on "When I Fall in Love," mm. 1-25

10:14 Chorus 2

Double time
(250 BPM) FM⁷ Gm⁷ C⁷

Herbie Hancock

Double time

Ron Carter

Double time

Tony Williams

5 FM⁷ Gm⁷ C⁷

HH

RC

TW

9 FM⁷ Eb⁷ D⁷ Gm⁷

HH

RC

TW

Standard time (125 BPM)

14 C⁷ FM⁷ Gm⁷

HH

RC

TW

20 C⁷ Am⁷ D⁷ Gm⁷

HH

RC

TW

Example 10. Excerpt from Hancock's solo on "When I Fall in Love," mm. 26-53

26 $D7^{b9}$ Gm^7 C^7

HH
RC
TW

33 FM^7 Gm^7 C^7 FM^7

HH
RC
TW

One-and-a-half time (187.5 BPM)

39 Gm^7 C^7 FM^7 Eb^7 D^7

HH
RC
TW

45 Gm^7 C^7 FM^7

HH
RC
TW

Standard time (125 BPM)

51 Bbm^7 Am^7

HH
RC
TW

Example 11. Excerpt from Hancock's solo on "When I Fall in Love," mm. 54-74

The musical score is organized into five systems, each with three staves: HH (Horn), RC (Rhythm), and TW (Tuba).

- System 1 (Measures 54-56):** HH staff starts with a D7 chord and contains triplets. RC staff has a bass line. TW staff has a drum pattern with triplets. Chords: D7, Gm7, Eb7.
- System 2 (Measures 57-61):** HH staff has triplets and a quintuplet. RC staff has a bass line. TW staff has a drum pattern with a section labeled "Double time (250 BPM)". Chords: FM7, Gm7, C7 Double time, FM7. A box labeled "Chorus 3" is at the end.
- System 3 (Measures 62-66):** HH staff has a melodic line. RC staff has a bass line. TW staff has a drum pattern. Chords: Dm7, Gm7, C7, FM7. A box labeled "Standard time (125 BPM)" is at the end.
- System 4 (Measures 67-70):** HH staff has a melodic line with a triplet. RC staff has a bass line. TW staff has a drum pattern. Chords: Gm7, C7, FM7.
- System 5 (Measures 71-74):** HH staff has a melodic line with triplets. RC staff has a bass line. TW staff has a drum pattern. Chords: Gm7, C7, FM7.

Example 12. Relationship between time and tempo in “When I Fall in Love”

Time	Tempo	Beat-note value in Example 7
Double time	~250 BPM	Quarter note
One-and-a-half time	~187.5 BPM	Half-note triplet
Standard time	~125 BPM	Half note

Example 13. Ride patterns for the three meters in “When I Fall in Love”

The image shows three staves of musical notation for ride patterns. The top staff is labeled 'Double time' and features a 4/4 time signature. It contains a sequence of eighth notes, with 'x' marks above each note. The middle staff is labeled 'One-and-a-half time' and features a 3/4 time signature. It contains a sequence of half notes, with 'x' marks above each note and brackets underneath each pair of notes labeled '3', indicating a triplet. The bottom staff is labeled 'Standard time' and features a 3/4 time signature. It contains a sequence of half notes, with 'x' marks above each note and brackets underneath each pair of notes labeled '3', indicating a triplet.