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Performance Examples, Compositions (Improvisation Vehicles) and Transcriptions Vol II

Michael Nielsen

Technological University Dublin, michael.nielsen@tudublin.ie

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Performance Examples, Compositions (Improvisation Vehicles) And Transcriptions

Volume II

Michael Nielsen
(MPhil LTCL)

School of Creative Arts and Technologies
Faculty of Arts
Ulster University

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1. Performance Examples

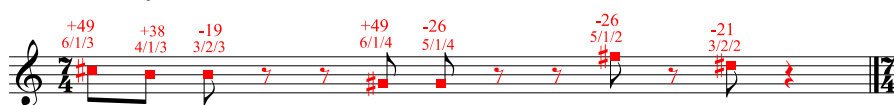
1.1 C, M and Umc Melody and Harmony Examples

Audio: Volume III, Folder 12, Examples 2, sub-folder 1, track 1: melody - systems 1-3; Folder 12, sub-folder 1, track 2: harmony - systems 4-10.

c - Melody



m - Melody



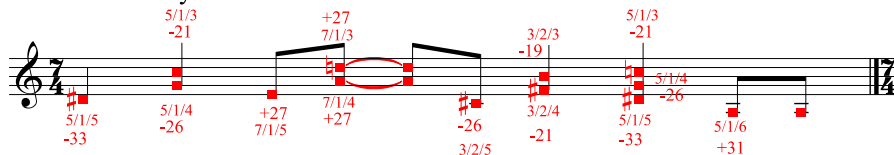
umc - Melody



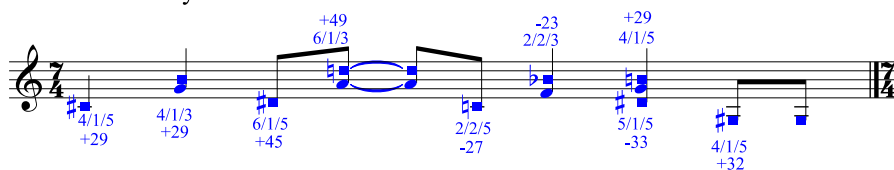
c - Harmony



m - Harmony



umc - Harmony



1.2 C, **M** and **Umc** Mixed Harmony Accompaniment

{m+c} - Harmony

6/1/5 +45
6/1/4 +49
6/1/3 +49
3/2/5 -26
3/2/4 -21
3/2/3 -19

{umc+c} - Harmony

4/1/5 +29
4/1/5 +29
6/1/5 +45
6/1/3 +49

{umc+m} - Harmony

4/1/5 +29
4/1/5 +29
6/1/5 +45
6/1/3 +49
3/2/5 -26
3/2/4 -21
3/2/3 -19
5/1/5 -33
5/1/4 -26
5/1/3 -21
5/1/6 +31

{c+m+umc} - Harmony

5/1/5 -33
5/1/4 -26
5/1/3 -21
2/2/5 -27
2/2/3 -23
4/1/5 +29
5/1/5 -33
4/1/5 +32

1.3 C, M and Umc Melody and Harmony Combinations

Audio: Volume III, Folder 12, examples 2, sub-folder 2, combinations of melody and harmony, tracks 1-20.

m+c

c+m

c +umc

umc+c

m+m

1.4 C, **M** and **Umc** Melody and Harmony Combinations p. 2

Examples: 6, 7, 8, 9.

m+umc

umc+m

umc+umc

c+{m+c}

1.5 C, M and Umc Melody and Harmony Combinations p. 3

Examples: 10, 11, 12, 13.

c+{umc+c}

Example 10: c+{umc+c}. The notation shows a melody in the upper staff and a harmony in the lower staff, both in 7/4 time. The melody consists of quarter notes: C4, D4, E4, F4, G4, A4, B4, C5. The harmony consists of chords: C4 (4/1/5, +29), D4 (4/1/5, +29), E4 (6/1/5, +45), F4 (6/1/3, +49), G4 (3/2/5, -26), A4 (3/2/4, -21), B4 (5/1/5, -33), and C5 (5/1/6, +31). The chords are marked with blue text and numbers.

c+{umc+m}

Example 11: c+{umc+m}. The notation shows a melody in the upper staff and a harmony in the lower staff, both in 7/4 time. The melody consists of quarter notes: C4, D4, E4, F4, G4, A4, B4, C5. The harmony consists of chords: C4 (4/1/5, +29), D4 (4/1/5, +29), E4 (6/1/5, +45), F4 (6/1/3, +49), G4 (3/2/5, -26), A4 (3/2/4, -21), B4 (5/1/5, -33), and C5 (5/1/6, +31). The chords are marked with blue text and numbers.

m+{c+m}

Example 12: m+{c+m}. The notation shows a melody in the upper staff and a harmony in the lower staff, both in 7/4 time. The melody consists of quarter notes: C4, D4, E4, F4, G4, A4, B4, C5. The harmony consists of chords: C4 (4/1/5, +29), D4 (4/1/5, +29), E4 (6/1/5, +45), F4 (6/1/3, +49), G4 (3/2/5, -26), A4 (3/2/4, -21), B4 (5/1/5, -33), and C5 (5/1/6, +31). The chords are marked with red text and numbers.

m+{umc+c}

Example 13: m+{umc+c}. The notation shows a melody in the upper staff and a harmony in the lower staff, both in 7/4 time. The melody consists of quarter notes: C4, D4, E4, F4, G4, A4, B4, C5. The harmony consists of chords: C4 (4/1/5, +29), D4 (4/1/3, +29), E4 (6/1/5, +45), F4 (6/1/3, +49), G4 (3/2/5, -26), A4 (3/2/4, -21), B4 (5/1/2, -26), and C5 (3/2/2, -21). The chords are marked with red text and numbers.

1.6 C, M and Umc Melody and Harmony Combinations p. 4

Examples: 14, 15, 16, 17.

m+{umc+m}

umc+{m+c}

umc+{umc+c}

umc+{umc+m}

1.7 C, M and Umc Melody and Harmony Combinations p. 5

Examples: 18, 19, 20.

c+{m+c+umc}

m+{m+c+umc}

umc+{m+c+umc}

2. Composition (Improvisational Vehicles)

2.1 Étude No. 1

Audio: Folder 11, Examples, ex. 9.

Two staves of musical notation for Étude No. 1. The first staff contains measures 1-3, and the second staff contains measures 4-5. The notation includes various accidentals and interval markings in red and blue. Measure 1 has a red sharp on the first line and a red interval of +29 (2/1/5). Measure 2 has a red sharp on the first line and a red interval of +34 (4/1/2). Measure 3 has a red sharp on the first line and a red interval of -27 (2/2/5). Measure 4 has a blue sharp on the first line and a blue interval of -23 (3/2/5). Measure 5 has a blue sharp on the first line and a blue interval of +34 (4/1/2).

2.2 Étude No. 2

Audio: Folder 11, Examples, ex. 10.

Two staves of musical notation for Étude No. 2. The first staff contains measures 1-2, and the second staff contains measures 3-4. The notation includes various accidentals and interval markings in red and blue. Measure 1 has a blue sharp on the first line and a blue interval of +34. Measure 2 has a red sharp on the first line and a red interval of -23. Measure 3 has a blue sharp on the first line and a blue interval of +34. Measure 4 has a red sharp on the first line and a red interval of -23.

2.3 Spectrum & Scale (Etude No. 2 with melody and harmony)

Audio: Volume III, Folder 1, track C.

Mike Nielsen

2+2+2+3+2+2

The musical score is presented in three systems, each consisting of three staves. The notation includes various musical symbols such as notes, rests, and accidentals, along with specific annotations and fingerings.

System 1:

- Staff 1: Annotations include $+33 -25$ and $+33 -25$ in blue.
- Staff 2: Labeled "Spec-trum and scale" in blue. Includes a circled 4 and a circled 3.
- Staff 3: Includes blue annotations $+34$, $+29$, and -23 .

System 2:

- Staff 1: Labeled "Ins - tru - ment tale" in blue. Includes a circled 4.
- Staff 2: Includes blue annotations $+34$, $+29$, and -23 .
- Staff 3: Includes blue annotations $+34$, $+29$, and -23 .

System 3:

- Staff 1: Includes red annotations $-30 -30 +27 +28$ and a circled 3.
- Staff 2: Includes blue annotations $+33 -25$ and a circled 2.
- Staff 3: Includes blue annotations $+34$, $+29$, and -23 .

System 4:

- Staff 1: Includes red annotations $-30 -30 -30 +27$ and a circled 3.
- Staff 2: Includes blue annotations $-27 -30$ and a circled 3.
- Staff 3: Includes blue annotations $+34$, $+29$, and -23 .

2.4 Micro Funk

Audio: Folder 1, track D; Folder 6 track 4.

Micro Funk

Mike Nielsen

Intro Loop

2

3 **A** Tempered Melody
ON CUE

4

5

7

8

9 **B** Microtonal Melody

10

11

The musical score consists of two staves per measure. Measures 7 and 8 show a complex microtonal accompaniment with blue notes and +44 cents. Measure 9 introduces a 'Microtonal Melody' with red notes and -33 cents. Measures 10 and 11 continue the accompaniment with blue notes and +44 cents.

12

13

14

Back to intro each time and wait for cue. Solos are based on melodic motifs from tempered and microtonal melody.

2.5 African Way

Audio: Folder 1, track B; Folder 6, track, 2.

INTRO/INTERLUDE-SLOW

3

5 **A**

REPEAT UNTIL CUE

7

9

The musical score is written for piano and voice. It begins with a piano introduction in 7/4 time, marked 'INTRO/INTERLUDE-SLOW'. The piano part features a steady bass line and chords in the right hand. The vocal line starts at measure 3. Measure 5 is the start of section 'A', which includes a vocal melody and piano accompaniment. A 'REPEAT UNTIL CUE' instruction spans measures 7 and 8. The score concludes at measure 9 with a final vocal phrase and piano accompaniment.

3. Transcriptions

3.1 The Start 10/7/14

Audio: Volume III, Examples folder: Folder 11, Transcribed Clip 1, Ex. 16 (Bars 1-8), Ex. 17, Clip 2 (Bars 9-12 only transcribed, music continues), Ex. 3, Clip 3 (Bars 31 - end).

Michael Nielsen/Ellen Demos

13 seconds

+17

gliss.

4/1/2

-33

4/1/2

+34

6/1/4

+34

19 Sec +34

4/1/5

2

5

4

-25

+27

+27

+46

+25

-40

gliss.

+5

-25

30 Sec

gliss.

Vib

gliss.

-23

+34

3

-27

+16

1/1/2

2/2/2

-27

3/2/2

-23

4/1/2

+34

4/1/1

+34

2/2/2

-27

-33

2/2/5

3/2/6

4/1/5

2/2/3

-23

+21

3/1/5

8

1.55 Sec

2.00 Sec

8/1/2

+34

9/1/1

+40

10

+6

-28

-40 Ex. Vib

Continues with melody only

12

ETC

14 2.46 Sec

+6 +16 +49 +3 gliss. -18 +40 -18 +40 gliss. -3 +44 +16 -18 -49 -18 +16 -18 -46 +16 -16

9/1/1 +40 9/1/1 +40 9/1/1 +40 9/1/1 +40

16 ETC moves between B-45 and G+36 3.00 Sec

+46 -16 +3 -15 +26 -45 +36 -45

9/1/1 +40 9/1/1 +40 9/1/1 +40 9/1/1 +40 9/1/1 +40 9/1/1 +40 +42 10/1/1 +42 10/1/1 +42 10/1/1

22 3.15 Sec 3.18 Sec

10/1/1 +42 10/1/1 +42 10/1/1 +42 9/1/1 +34 9/1/1 +34 10/1/1 +42 9/1/1 +40

28 3.24 Sec ETC

+40 9/1/1 +40 9/1/1 +40 9/1/1

31 5.38 Sec gliss. 3/1/5 +21 3/2/5 -23 5/1/5 -33 2/2/5 -27 3/2/5 -23 1/2/5 +50 2/2/5 -27 0/1/5 +23 0/2/5 -47 1/2/5 +50 0/3/5 -16 2/2/5 -27 1/2/6 +50 2/2/5 -27 1/1/5 +16 2/2/5 -27 0/2/6 -47

+26 +27 -33 8/1/5 7/1/5 5/1/5

Voice Enters 36 5.52 Sec 5.57 6.06 Sec

-22 -25 2/1/5 +29 0/3/5 -16 1/2/5 +50 0/2/5 -47 2/1/5 +29 1/2/5 +50 1/1/5 +16 0/3/5 -16 0/2/5 -47 0/3/5 -16 1/1/5 +16 1/2/5 +50 2/1/5 +29 1/2/5 +50 1/1/5 +16 0/3/5 -16 1/1/5 +16

18

3.2 Nails

Audio: Folder 11, Examples: ex. 18. (Vol. III)

Nails

Mike Nielsen/Ellen Demos

Guitar Intro

5/1/5 -33

6/1/6 5/1/6 +44 -33

5 5/1/5 -33 6/1/6 +44 5/1/5 -33 6/1/6 +44 5/1/5 -33 6/1/6 +44 5/1/6 -33 6/1/5 +44

9 5/1/5 -33 6/1/6 5/1/6 +44 -33 6/1/5 +44 6/1/6 +44 6/1/6 5/1/6 +44 -33 6/1/5 +44

13 Voice enters

3.3 Baklava

Audio: Folder 11, Examples: ex. 19.

Baklava

M. Nielsen/ E. Demos

The musical score for 'Baklava' is presented in two systems. The first system (measures 1-8) shows a guitar part with various intervals and techniques, including glissandos and bends. The second system (measures 9-16) continues the guitar part and includes a vocal part with similar techniques. The score is divided into two systems, with measures 1-8 and 9-16. The guitar part is labeled 'Guitar Continues' and the vocal part is labeled 'Vocal Continues'.

3.3.1 Table of Ratios for Baklava

GUITAR		VOCAL	
Harm	Ratio	Melodic Intervals	Ratios
A-F(-33)	25:16 - Classic Aug 5th	B(+42)-C(+13)	25:24, minor 5-limit half-step
G-F(-33)	7:4 (Sm7) /Harmonic 7 th /7-limit JI	C(+13)-Bb(+25)	39:35
D-F(-33)	7:6 -septimal minor 3 rd , 7-Limit JI	Bb(+25)-C(+49)	33-39
G-A	37:33 - Maj 2nd	C(+49)-C(+13)	52:51
D-A	3:2 - Per 5 th , 7-limit JI	C(+13)- B(+42)	25:24, minor 5-limit half-step
D-G	4:3 - Per 4 th , 7-limit JI	B(+42)- B(-35)	23:22
Bb(-33)-G	12:7 SM6th, 7-limit JI	B(-35)- C(+13)	16:15, major 5-limit half-step
Bb(-33)-A	77:40	C(+13)- B(+42)	25:24, minor 5-limit half-step
Bb(-33)-F (-33)-	3:2 Per 5 th (-33)	B(+42)- Bb(-16)	23:21
Eb(-33)-G	77:60	Bb(-16)-A	22:21, hard 1/2-step (Ptolemy, Avicenna, Safiud)
Eb(-33)-A	49:34	A-Bb(-33)	26:25, 1/3-tone (Avicenna)
Eb(-33)-F (-33)-	37:33	Bb(-33)-A(-40)	19:18, undecimal semitone
Benade's Consonant Ratios Experiment Result		A(-40)-G(+26)	25:23
2:1; 1:1; 3:2; 4:3; 5:3; 5:4; 6:5; 7:4; 7:5; 8:5; 7:6=7-limit		Relation to Acc.	
		B(+42)-D	7:6 - septimal minor 3 rd , 7-limit JI
		A-C(+13)	6:5 -Minor 3 rd , 7-limit JI
		A-B(-35)	11:10 - 4/5 tone, Ptolemy's 2 nd , 11-limit JI
		A-A(-40)	29:28 -
		G-A(-40)	11:10 - 4/5 tone, Ptolemy's 2 nd , 11-limit JI

3.4 Green Microtonal Tea (table format)

Audio: Folder 11, Examples: ex. 21.

Part 1

3.4.1 First 44 second of “Green Microtonal Tea” live performance: introduction with Physics Beat Simulator(PBS).

0 sec	7s	8s	9-13s	13s-20s	21s	22s	24s	25s	26s	27s	29s-39s	40s	41	42	44
G#+19.....				B +20.....				C-16c	C# -42	Held for 2 sec C# +13	gliss and Held: D -21/ D# -29	D#-29c			
	A# -31	A#+36	Held Note: B +10	Held Note: A +20	G +35	G#+20	gliss from: A+12/ A#-26	A# -26.....				gliss from: A#-26 -F#- 10	F +17	F - 26	E +8

Part 2

Audio: Folder 11, Examples: ex. 22

Last part of PBS introduction before drums enter.

1.22.35 seconds									1.30s - 145s	2.04.....3.05			3.05s.....3.1 6
E ₅ -41									PBS C ₄ -37			PBS E ₅ -41	
PBS D# ₄ -29	D ₄ +13	D# ₄ -29	D# ₄ +23	D# ₄ -29	D ₄ +21	D ₄ -47	C# ₄ -5	C ₄ +28	PBS C ₄ -37				PBS C ₄ -37
									Drums enter	Guitar G# ₃	Guitar G# ₃ and C# ₂	Guitar Improv continues	Guitar; repeated notes: Eb ₃ -40c and D ₃ then resolves from D ₃ to C# ₃ +25c

Part 3

3.05s3.16	
PBS	
E ₅ -41	
PBS	
C ₄ -37	
Guitar plays repeated notes: Eb ₃ -40c and D ₃ then resolves from D ₃ to C# ₃ +25c	C# ₃ +25c is held and then played randomly to the end of the vibrato section. The guitar then plays C# ₃ +25c to Eb ₃ +45c
	Voice enters hovering around the note of A# from: A# ₄ +5 to A# ₄ -20/29 to A ₄ +48 to A ₄ -15 to vibrato spanning the pitches: A# ₄ +41 to A ₄ +25 to a downward glissando

3.5 Capo 1/2 F+49

Audio: Folder 11, Examples: ex. 23.

Michael Nielsen/Ellen Demos

45 Sec

Capo 1/2 (F+49 Cents)

4

54 Sec

gliss.

12

1.00 Sec

gliss.

16

1.06 sec

Vibrato

1.11

Page 2

[illegible]

4. Reverie

4.1 *Reverie*: Colour Coded In relation to the systems *Micro*, *Chromatic* and *Ultramicrochromatic*

Audio: Folder 11, Examples: ex. 24

M. Nielsen/E.Demos

Capo 2/2

Voice

El. Guitar

3

chi —

5

chow —

men —

7

chow —

8

Copyright © M. Nielsen/E.Demos

24 Sec

9 +26 +26 -40 +26 -22 +26 -22 -22

bu le its zawou woa o a le

36sec

11 gliss. +28 -22 -35 gliss. -40

shai la

43Sec

13 gliss. -25

in a ou un

Vib

15 -25 gliss. +28 -8 -40 +26 +28

shau who ou wa lu

49Sec

16 +28 gliss. -40 +17 -32 -25 -32

made saou ou

18 **56Sec**

-24 -22 +26 -22

gliss. gliss. gliss.

di saw

20

-22 -15 -25 -35 -15

ou bli du i u

22 **1.01Sec**

-15 -25 gliss. -35 Vib -15 +47 +4 +26 +26

bli du i du u wa lu why

24 **1.09Sec**

+47 +17 -15 +4 -25 -19 gliss.

u why.u cy lo lie pow

27 +26 +4 -15 -40 +17 +4 -40

gliss. gliss. gliss. gliss. gliss. gliss. gliss.

wa li ou wa a li ou

29 1.18 Sec

wa da li u wad a li u

gliss.

31

may do we ee ou lu

3:2

32 1.24 Sec

aw lu ee du doh lu la lu

ET

34

oo ay day zho lee di lu haw

Vib

35 1.30 Sec

lee do lu lu aw aw aw haw

1.50Sec

40 Controlled Vibrato

40

64

Vib

41

+49 +49 +13 -18 -16 +4 -40 +4 +49 +13 +16 +49 +49 -23 +49 -23 -16 +42 -16 +42 +49

3/2/2 5/1/3 2/2/2 5/1/3 3/2/2 2/2/2 3/2/2 2/2/2 3/2/2 4/1/4 4/1/4

42

+4 +42 +49 -25 +42 +49 -16 -25 -9 +16 -15 +42 +49 -40

3 3 3

lu do we — lu do we

2/2/1 2/2/2 2/2/3 2/2/4 2/2/4 4/1/5 2/2/4 4/1/5 2/2/4 4/1/5 2/2/4 4/1/5 2/2/4 4/1/5

43

-35 -26

3/2/2 2/2/1 3/2/2 2/2/1

45

-40

3/2/2 2/2/1 3/2/2 2/2/1

4.2 Reverie: Relating to Equal Temperament Microtonal Systems

Orange	8 th -tones/25 cents	Green	10 th -tones/20 cents
Purple	6 th -tones/33.33 cents	Red	1/4 tones/50 cents
White	12.5 tones/16 cents	Blue	12TET notes
Luminous Green	5 th tones/40 cent		

Capo 2/2

Voice

El. Guitar

3

chi _____

+37
3/1/3

-40

5

chow _____

20 Sec -40

men _

7

chow _

-25

8

+30
4/1/3

11

36sec

gliss. +28 -22

gliss. -35 -40

shai la

2/2/3

4/1/3 4/1/3 4/1/3

The musical score for "Shau Who" by John Cage is presented on two staves. The top staff is in 8/4 time and features a melodic line with various pitch bends and glissando markings. The bottom staff is in 8/4 time and features a rhythmic accompaniment with specific pitch bends and glissando markings. The score includes a key signature of one sharp (F#) and a time signature of 8/4. The lyrics "shau who ou wa lu" are written below the top staff. The score is marked with "Vib" (vibrato) and "gliss." (glissando) and includes specific pitch bends such as -15, -25, +28, -8, -40, +26, +28, and +36. The score also includes a key signature change to D major (D+25) and a time signature change to 3/1/2.

33

18 **56Sec**

-24 -22 +26 -22

gliss. gliss. gliss.

di saw

20

-22 -15 -25 -35 -15

ou bli du i u

22 **1.01Sec**

-15 -25 gliss. -35 Vib -15 +47 +4 +26 +26

gliss. bli du i du u wa lu why

+25 3/1/2 +49 6/1/3

24 **1.09Sec**

+47 +17 -15 +4 -25 -19 gliss.

u why.u cy lo lie pow

27 +26 +4 -15 -40 +17 +4 -40

gliss. gliss. gliss. gliss. gliss. gliss. gliss.

wa li ou wa a li ou

5/1/4

29 *1.18 Sec*

-40 +17 +47 -40 +4 +4 -15 +4

wa da li u wad a li u *gliss.*

+37 3/1/3

31

+47 -40 3:2 +42 -35 3:2 -15 +4

may do we ee ou lu

+37 3/1/3

32 *1.24 Sec*

-25 +47 -23 -35 -15 +4 +26 3:2 -40

aw lu ee du doh lu la lu

ET

34 *Vib*

+49 +13 +4 +4 +49 +13 -23 -35

oo ay day zho lee di lu haw

35 *1.30 Sec*

-15 -40 -25 +4 -23 +4 +47 -35 3:2

lee do lu lu aw aw haw

+29 4/1/5

36 -23 -16

haw haw

37 *1.39Sec*

-16 -15 -35 -23 +16 +49 +49

n ou who who who who i

+29 4/1/5

38 *1.46 Sec*

-18 -16 +13 +16 +49 -23 +13 +42 -23

n we i

+29 4/1/5 5/1/4

39

Vib Vib Vib Vib

-23 +42 +13 -23 +49 +4 -15 -23 +4 -23 +4 -23 +4 -23 +42 +49

+29 4/1/5 ET ET +36 4/1/4

40 *1.50Sec*

Controlled Vibrato

+15 -16 +49 -23 +49 -23 +49 +42 +16 +49 -16 +4 -18 +4 +13 +26 +42 +13 -23 +13 -23 +49 +42 +49 +13 +49 -37 -23

C# +29 4/1/5

Vib

41

+49 +49 +13 -18 -16 +4 -40 +4 +49 +13 +16 +49 +49 -23 +49 -23 -16 +42 -16 +42 +49

42

+4 +42 +49 -25 +42 +49 -16 -25 -9 +16 -15 +42 +49 -40

lu do we lu do we

43

-35 -26

45

-40

F# +36 4/1/4

C# +29 4/1/5