

Applied instruction handout 1:
Examples from Beethoven Sonata No. 8 "Pathétique"

Lawrence Wilde, Ph.D.

m. 1 (without the secondary dominant)

m. 2 (without appoggiatura)

Exercise 1

Musical score for Exercise 1, measures 1 and 2. The score is in 4/4 time, F major, and features a piano accompaniment. The first measure (m. 1) is marked *fp* and contains a secondary dominant chord (D7) in the right hand. The second measure (m. 2) is also marked *fp* and contains an appoggiatura in the right hand. The bass line consists of a steady eighth-note accompaniment.

m. 1 - as composed (with the secondary dominant)

m. 2 - as composed (with appoggiatura)

Musical score for Exercise 1, measures 1 and 2, as composed. This version includes the secondary dominant chord in measure 1 and the appoggiatura in measure 2, both marked *fp*. The notation is identical to the previous exercise but includes the original harmonic and melodic details.

mm. 3-4 (without secondary dominants)

Exercise 2

Musical score for Exercise 2, measures 3 and 4. The score is in 4/4 time, F major, and features a piano accompaniment. The first measure (m. 3) is marked *fp* and contains a secondary dominant chord (D7) in the right hand. The second measure (m. 4) is marked *p* and contains a secondary dominant chord (D7) in the right hand. The bass line consists of a steady eighth-note accompaniment.

mm. 3-4 as composed (with secondary dominants)

Musical score for Exercise 2, measures 3 and 4, as composed. This version includes the secondary dominant chords in both measures, marked *fp* and *p* respectively. The notation is identical to the previous exercise but includes the original harmonic and melodic details.

Exercise 3

mm. 3-5 (without the modulation to EbM)

Musical score for Exercise 3, measures 3-5, without modulation to EbM. The score is written for piano in a grand staff (treble and bass clefs). The key signature is B-flat major. The music features a complex rhythmic pattern with sixteenth and thirty-second notes. Dynamic markings include *fp*, *sf*, *sf p*, and *sf*. A large slur covers the right-hand part across measures 3, 4, and 5.

Musical score for Exercise 3, measures 3-5, without modulation to EbM. This system shows the continuation of the piece. The right-hand part continues with sixteenth-note runs. The left-hand part features a steady eighth-note accompaniment. Dynamic markings include *p* and *ff*.

mm. 3-4 - as composed (with the modulation to EbM)

Musical score for Exercise 3, measures 3-4, as composed with modulation to EbM. This system is identical to the first system above, showing the original composition with the modulation to E-flat major. Dynamic markings include *fp*, *sf*, *sf p*, and *sf*.

Musical score for Exercise 3, measures 3-5, as composed with modulation to EbM. This system is identical to the second system above, showing the original composition with the modulation to E-flat major. Dynamic markings include *p* and *ff*.

Applied instruction handout 2: vii^{o7} and ct^{o7} diminished seventh chords

Instructions: The examples below are to be played by the students during class. Versions of this document with different instrumentations (keyboard, vocal, etc.) and number of players are available.

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1.1
Dominant V7
(not embellished with a CT o7)

1.2
Dominant V7
(embellished with a CT o7)

S
A
T
B

Eb Major: V⁷ V⁷ V⁷ CT^{o7} V⁷

1.3
Diminished seventh chord contextualized as a vii o4 in D minor

S
A
T
B

D minor: i vii^{o4}₂ i V⁶₄ i
Cad 6
4

1.4
CT o7 (Eb Major) reinterpreted as a vii o4 (D minor) - CT o7 with **complete** neighbors

S
A
T
B

Eb Major: I V⁷ CT^{o7} V⁷ CT^{o7} i
D minor: vii^{o4}₂ i V⁶₄ i
Cad 6
4

1.5

CT o7 (Eb Major) reinterpreted as a vii o4 (D minor) - CT o7 with **incomplete** neighbors

17

S
A
T
B

The musical score consists of four staves for Soprano (S), Alto (A), Tenor (T), and Bass (B). Measure 17 starts with Eb Major (I). Measure 18 has V7. Measure 19 has CT o7, which is highlighted with a box. Measure 20 has a cadence consisting of i, V6/4, and i. The CT o7 chord is also shown in a separate box below the staff, with its notes: Eb, Gb, Ab, Bb, and Db.

Eb Major: I

V⁷

CT^{o7}

vii^{o4}₂

i

V⁶₄

i

Cad 6
4