HOMEWORK EXERCISES

Assignment 25—Modulation 1

Section 1. For each given key, list the five closely-related keys.

1. c:　____　____　____　____　____

2. B♭:　____　____　____　____　____

3. E:　____　____　____　____　____

4. d♯:　____　____　____　____　____

5. G♭:　____　____　____　____　____

6. f♯:　____　____　____　____　____

Section 2. For each progression, analyze the Roman numerals with lead-sheet symbols and specify the second key.

Lead-sheet symbols:　____　____　____　____　____　____　____　____　____

Roman numerals: D:　I　　V　　I　　vi

　　　　　　　　　　____ : ii　　I^6　　ii^6　　I^6_4　　V^7　　I

Lead-sheet symbols:　____　____　____　____　____　____　____　____

Roman numerals: E♭:　I　V^6_5/IV　IV　　ii

　　　　　　　　　　____ : vi　　ii^6_5　　I^6_4　　V^7　　I

Lead-sheet symbols:　____　____　____　____　____　____　____　____　____

Roman numerals: f:　i　V^4_3/VI　VI　ii^{o6}

　　　　　　　　　　____ : vii^{o6}　　I^6　　ii^{o6}_5　　I^6_4　　V^7　　I

Lead-sheet symbols:　____　____　____　____　____　____　____　____　____

Roman numerals: a:　i　　V^6　　i^4_2　　$\sharp vi^{ø7}$　　iv^6

　　　　　　　　　　____ : ii^6　　ii　　I^6_4　　vii^{o7}/vi　　vi

Section 3. For this excerpt from Beethoven's *Minuet*, WoO 10, No. 2, do the following:
- Analyze the harmonies with Roman numerals below and lead-sheet symbols above
- Determine where the pivot chords occur and use a pivot bracket to show the Roman numerals in both keys (specify both keys)
- Complete a motivic analysis of the melody (using numbers—1, 2, etc.) and labeling melodic alteration with it occurs ("inv.," "int. ch.," etc.)
- Label cadences
- Name the form of the excerpt: _____
  (Audio and score can be found at https://youtu.be/ttHwuyJsZAI)

(cadence type? ____)

determine pivot and include bracket

(cadence type? ____)