Problem 1: Chord Identifications

Solution: (a) G mi (b) D7 (c) A aug (d) Am7 (e) ii7 (f) V7 (g) vii7 (h) I

Problem 4: For each of the seven types of chords discussed, list how they can be diatonically formed.

Solution: MA-IIV, V7, vii7, mi, mi7, ii7, vi, vii6, viii, vii7, aug - none

Problem 5: Consider the dominant seventh flat five chord.

Solution: This chord has an interval structure (4.2.4.2). This isn’t symmetrical on every note, but rather on every other note, so it has two possible roots. For example, C Eb Bb could function as either C7b5 or a Gb5.1.

Problem 6: Chord Identifications

Solution: (a) mi (b) 7 (c) 57 (d) m7 (e) 7

Problem 7: Chord Identifications

Solution: (a) 7 (b) aug (c) mi (d) 7 (e) mi7

Problem 8: Harmonic Analysis of Maple Leaf Rag

Solution:

| Ab | Eb7 | Ab | Eb7 | Fb (Eb) | Fb (Eb) | (Ab mi) | (Ab mi) |
| D7 | Fm7 | Fb Ab | Ab Eb7 | Ab | D7 | Fm7 | Fb Ab | Ab Eb7 Ab |

Problem 9: Harmonic Analysis of Moonlight Sonata

Solution: | C# mi | C# mi7 | A D | — | C# mi |

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HW3 Solutions #2,3

Emi7  Db dim  Ab  C#7

bI7 in C major  IVmi7 in Bb minor  Iaug in F mixolydian  bVII in Eb major