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DHC Legacy Project Team Presents Deborah Henson-Conant's
Modulation Warmups for Lever Harp
Advanced
#1: Arpeggios

1. Learn the Patterns

- **Going Up Pattern** (Modulating to sharper keys) ex. C > G
- **Coming Down Pattern** (Modulating to flatter keys) ex. C > F

2. Play the Warmups

- **Going Up:** Eb > Bb > F > C > G > D
- **Coming Down:** D > G > C > F > Bb > Eb

THE GOING UP PATTERN

KEY OF C:

ii m7 Dm⁷ *4 3 2 1 1 2 3 4* **V7 G⁷** *4 3 2 1 1 2 3 3 2 1* *simile fingering*

I Δ C Δ **vi m7 Am⁷**

I Δ C Δ

D⁷ Dominant of the new tonic

1 2 3 4 1 1 1 1

(Repeat as needed while changing all levers to the next Key Signature)

1 2 3 4 *simile fingering* *4 3 2 1*

THE COMING DOWN PATTERN

KEY OF C:

ii m7 Dm⁷ *4 3 2 1 1 2 3 4* *4 3 2 1 1 2 3 3 2 1* **V7 G⁷** *simile fingering*

I Δ C Δ *1* **vi m7 Am⁷**

I Δ C Δ *2*

C⁷ Dominant of the new tonic

1 2 3 4 1 1 1

(Repeat as needed while changing all levers to the next Key Signature)

1 2 3 4 *simile fingering* *4 3 2 1*

GOING UP

KEY OF Eb: [Going Up]

ii m7 Fm7 V7 B \flat 7 *simile fingering*

I Δ E \flat Δ vi m7 Cm7

I Δ E \flat Δ

F7 Dominant of the new tonic

(Repeat as needed while changing all levers to the next Key Signature)

simile fingering

KEY OF Bb: [Going Up]

ii m7 Cm7 V7 F7 *simile fingering*

16 4 3 2 1 1 2 3 4 4 3 2 1 1 2 3 3 2 1

1 IΔ BbΔ vi m7 Gm7

20

2 IΔ BbΔ

24

C7 Dominant of the new tonic

28

(Repeat as needed while changing all levers to the next Key Signature)

simile fingering

29 1 2 3 4 1 2 3 4 4 3 2 1

4

KEY OF F: [Going Up]

ii m7 Gm7 V7 C7 *simile fingering*

31 4 3 2 1 1 2 3 4 3 2 1

IΔ FΔ vi m7 Dm7

35 1 1 2 3 4 1 1 2 3 4

IΔ FΔ

39 1 2 3 4 1 2 3 4

G7 Dominant of the new tonic

(Repeat as needed while changing all levers to the next Key Signature)

43

simile fingering

44 1 2 3 4 1 2 3 4 4 3 2 1 4

KEY OF C: [Going Up]

ii m7 Dm7 V7 G7 *simile fingering*

46 4 3 2 1 1 2 3 4 4 3 2 1 1 2 3 3 2 1

4 3 2 1 1 2 3 4 3 2 1

1 IΔ CΔ vi m7 Am7

50

2 IΔ CΔ

54

D7 Dominant of the new tonic

(Repeat as needed while changing all levers to the next Key Signature)

58

simile fingering

59 4

KEY OF G: [Going Up]

ii m7 Am7 4 3 2 1 1 2 3 4 4 3 2 1 1 2 3 3 2 1 V7 D7 simile fingering

61 4 3 2 1 1 2 3 4 3 2 1

1 IΔ GΔ vi m7 Em7

65 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

2 IΔ GΔ

69 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

A7 Dominant of the new tonic

1 2 3 4 1 1 1 1

(Repeat as needed while changing all levers to the next Key Signature)

73

1 2 3 4 simile fingering 4 3 2 1

74 1 2 3 4 4 3 2 1 4

COMING DOWN

KEY OF D: [Coming Down]

ii m7 Em7 V7 A7 *simile fingering*

76

1 IΔ DΔ vi m7 Bm7

80

2 IΔ DΔ

84

D7 Dominant of the new tonic

(Repeat as needed while changing all levers to the next Key Signature)

88

1 2 3 4 simile fingering 4 3 2 1

89

KEY OF G: [Coming Down]

91

ii m7 Am7 4 3 2 1 1 2 3 4 4 3 2 1 1 2 3 3 2 1 V7 D7 simile fingering

95

1 IΔ GΔ vi m7 Em7

99

2 IΔ GΔ

103

G7 Dominant of the new tonic

1 2 3 4 1 1 1

(Repeat as needed while changing all levers to the next Key Signature)

104

1 2 3 4 simile fingering 4 3 2 1

KEY OF C: [Coming Down]

ii m7 Dm7 *4 3 2 1 1 2 3 4* *4 3 2 1 1 2 3 3 2 1* **V7 G7** *simile fingering*

106 4 3 2 1 1 2 3 4 4 3 2 1 1 2 3 3 2 1 1 2 3 1 2 3

IΔ CΔ **vi m7 Am7**

110 1 2 3 4 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3

IΔ CΔ

114 1 2 3 4 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3

C7 Dominant of the new tonic

118

(Repeat as needed while changing all levers to the next Key Signature)

simile fingering

119 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 4 3 2 1 4

KEY OF F: [Coming Down]

ii m7 Gm7 V7 C7 *simile fingering*

121 4 3 2 1 1 2 3 4 3 2 1 1 2 3 4 3 2 1

IΔ FΔ vi m7 Dm7

125 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

2 IΔ FΔ

129 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

F7 Dominant of the new tonic

133 (Repeat as needed while changing all levers to the next Key Signature)

simile fingering

134 1 2 3 4 1 2 3 4 4 3 2 1 4 3 2 1

KEY OF Bb: [Coming Down]

ii m7 Cm7 **V7 F7** *simile fingering*

136

IΔ BbΔ **vi m7 Gm7**

140

IΔ BbΔ

144

Bb7 Dominant of the new tonic

(Repeat as needed while changing all levers to the next Key Signature)

148

simile fingering

149

DHC Legacy Project Team Presents Deborah Henson-Conant's
Modulation Warmups for Lever Harp
Advanced
#2: Scales

1. Learn the Patterns

- **Going Up Pattern #1** (Modulating to sharper keys) ex. C > G
- **Going Up Pattern #2** (Modulating to sharper keys) ex. Eb > Bb
- **Coming Down Pattern** (Modulating to flatter keys) ex. C > F

2. Play the Warmups

- **Going Up:** Eb > Bb > F > C > G > D
- **Coming Down:** D > G > C > F > Bb > Eb

THE GOING UP PATTERN #1

KEY OF C:

1

(Relative minor of the old tonic & ii of the new tonic)

4

D⁷ (Dominant of the new tonic)

7

8

THE GOING UP PATTERN #2

KEY OF Eb:

1

(Relative minor of the old tonic & ii of the new tonic)

Cm *simile fingering*

4

F7 (Dominant of the new tonic)

7

(Repeat this measure as needed while changing all levers to the next Key Signature)

simile fingering

8

4

THE COMING DOWN PATTERN

KEY OF C:

1

4

(Ritard here as much as you need to change the levers for the next key & change levers with the LH while playing with the RH)

Gm

7

8

GOING UP

KEY OF Eb: [Going Up Pattern #2]

1

(Relative minor of the old tonic & ii of the new tonic)

Cm

simile fingering

4

F7 (Dominant of the new tonic)

7

(Repeat this measure as needed while changing all levers to the next Key Signature)

8

4

KEY OF Bb: [Going Up Pattern #1]

10

(Relative minor of the old tonic & ii of the new tonic)

Gm

simile fingering

13

C7 (Dominant of the new tonic)

16

simile fingering

17

KEY OF F: [Going Up Pattern #2]

19

(Relative minor of the old tonic & ii of the new tonic)

Dm *simile fingering*

22

G⁷ (Dominant of the new tonic)

25

simile fingering

26

KEY OF C: [Going Up Pattern #1]

28

(Relative minor of the old tonic & ii of the new tonic)

Am

simile fingering

31

D⁷ (Dominant of the new tonic)

34

simile fingering

35

KEY OF G: [Going Up Pattern #2]

37

(Relative minor of the old tonic & ii of the new tonic)

Em *simile fingering*

40

A⁷ (Dominant of the new tonic)

43

simile fingering

44

COMING DOWN

KEY OF D: [Coming Down]

Musical notation for measures 46-48. The key signature is D major (two sharps). The music is written for a lever harp with a grand staff. Fingerings are indicated by numbers 1-4. Measure 46 starts with a '4' above the first note. Measure 47 has a '4' above the first note. Measure 48 has a '1' above the first note.

Musical notation for measures 49-51. The key signature is D major. Measure 49 has a '4' above the first note. Measure 50 has a '4' above the first note. Measure 51 has an 'A' above the first note, followed by fingerings '2 2 3 1 2' above the notes.

(Ritard here as much as you need to change the levers for the next key & change levers with the LH while playing with the RH)

Am

Musical notation for measure 52. The key signature is D major. The music is written for a lever harp with a grand staff. The right hand plays a descending scale: D4, C4, B3, A3, G3, F3, E3, D3. The left hand has a whole rest.

Musical notation for measures 53-54. The key signature is D major. The music is written for a lever harp with a grand staff. Measure 53 has a '4' above the first note. Measure 54 has a '4' above the first note.

KEY OF G: [Coming Down]

55

58

(Ritard here as much as you need to change the levers for the next key & change levers with the LH while playing with the RH)

Dm

61

62

KEY OF C: *[Coming Down]*

64

67

(Ritard here as much as you need to change the levers for the next key & change levers with the LH while playing with the RH)

Gm

70

71

KEY OF F: [Coming Down]

Musical notation for measures 73-75. The key signature is one flat (F major). The music is written in a grand staff (treble and bass clefs). Measure 73 starts with a treble clef and contains a descending scale: G4, F4, E4, D4, C4, B3, A3, G3. Measure 74 continues the scale: F3, E3, D3, C3, B2, A2, G2. Measure 75 continues: F2, E2, D2, C2, B1, A1, G1. Fingerings are indicated: 4 for the first note of each measure, and 1 for the final note of each measure.

Musical notation for measures 76-78. The key signature is one flat (F major). The music is written in a grand staff. Measure 76 continues the descending scale: F1, E1, D1, C1, B0, A0, G0. Measure 77 continues: F0, E0, D0, C0, B-1, A-1, G-1. Measure 78 continues: F-1, E-1, D-1, C-1, B-2, A-2, G-2. Fingerings are indicated: 1, 4, 2, 3, 1, 2.

(Ritard here as much as you need to change the levers for the next key & change levers with the LH while playing with the RH)

Musical notation for measure 79. The key signature changes to two flats (C minor). The music is written in a grand staff. The treble clef part contains a descending scale: Bb2, Ab2, Gb2, Fb2, Eb2, Db2, Cb2. The bass clef part contains a descending scale: Bb1, Ab1, Gb1, Fb1, Eb1, Db1, Cb1. The key signature 'Cm' is written above the treble clef.

Musical notation for measures 80-81. The key signature is two flats (C minor). The music is written in a grand staff. Measure 80 continues the descending scale: Bb1, Ab1, Gb1, Fb1, Eb1, Db1, Cb1. Measure 81 continues: Bb0, Ab0, Gb0, Fb0, Eb0, Db0, Cb0. Fingerings are indicated: 4.

KEY OF Bb: [*Coming Down*]

Musical notation for measures 82-84. The key signature is Bb. The notation shows a descending scale in the right hand with fingerings 4, 4, 4, 1, 1, 1. The left hand provides a simple accompaniment.

Musical notation for measures 85-87. The key signature is Bb. The notation shows a descending scale in the right hand with fingerings 1, 4, F, 2, 2, 3, 1, 2. The left hand provides a simple accompaniment.

(Ritard here as much as you need to change the levers for the next key & change levers with the LH while playing with the RH)

Musical notation for measure 88. The right hand plays a whole note chord Fm. The left hand plays a whole note bass note. The key signature is Bb.

Musical notation for measures 89-90. The key signature is Bb. The notation shows a descending scale in the right hand with fingerings 4, 4. The left hand provides a simple accompaniment.

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Modulation Warmups for Lever Harp
Advanced
#3: Classical

1. Learn the Patterns

- **Going Up Pattern** (Modulating to sharper keys) ex. C > G
- **Coming Down Pattern** (Modulating to flatter keys) ex. C > F

2. Play the Warmups

- **Going Up:** Eb > Bb > F > C > G > D
- **Coming Down:** D > G > C > F > Bb > Eb

THE GOING UP PATTERN

KEY OF C:

1

C F C Dm E7

3

Am Dm Am Bm7(b5) E7 Am

5

A7 Dm G7 C

C#4 G#3 C#5 G#4 C#b5 C#b4

7

E7 A7 D7

G#3 G#3 C#4 C#4 F#4

During this measure, set entire harp for the next key by setting all: F#

THE COMING DOWN PATTERN

KEY OF C:

C Am B \flat Gm A 7

4 3 2 1 2 3 4 1 3 1 2 1 2 1 3 1 3 1 2 1 2 1 3 1 4 1 2 3 4 1 2

During this section, set entire harp for: B \flat

1 *Fingering simile as RH* C \sharp 4

Dm B \flat Gm A 7 Dm

4 3 2 1 2 3 4 1 3 1 2 1 2 1 3 1 4 1 4 1 1 3 2 1

3 C \flat 4 C \sharp 3 C \sharp 4 F \sharp 4 C \flat 3

D 7 Gm C 7 F

4 3 2 1 2 3 4 1 2 1 2 3 1 2 3 1 4 1 2 3 4 1 2 1 3 1 2 3 1

5 F \flat 4 C \flat 4

A 7 D 7 G

4 3 2 1 2 3 4 1 2 3 4 1 4 1 2 3 4 1

7 C \sharp 3 F \sharp 4 C \flat 3 B \flat 3 B \flat 3

C 7

1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1

9

GOING UP

KEY OF Eb: [Going Up]

1

Bb4
Bb3

3

5

Eb4 Eb5
Bb3 Bb4
Eb5
Eb4

7

Bb3 Bb3 Eb4 Eb4 Ab4

During this measure, set entire harp for the next key by setting all: Ab

KEY OF Bb: [Going Up]

Musical notation for measures 9-10. The key signature is Bb. Measure 9 starts with a Bb chord and contains a sixteenth-note scale: Bb4, C5, D5, Eb5, F5, G5, Ab5, Bb5. Measure 10 contains a sixteenth-note scale: Bb5, C6, D6, Eb6, F6, G6, Ab6, Bb6. Fingerings are indicated above the notes. Chords Bb, Eb, Bb, Cm, and D7 are indicated above the staff.

Musical notation for measures 11-12. Measure 11 contains a sixteenth-note scale: Bb6, C7, D7, Eb7, F7, G7, Ab7, Bb7. Measure 12 contains a sixteenth-note scale: Bb7, C8, D8, Eb8, F8, G8, Ab8, Bb8. Fingerings are indicated above the notes. Chords Gm, Cm, Gm, Am7(b5), D7, and Gm are indicated above the staff.

Musical notation for measures 13-14. Measure 13 contains a sixteenth-note scale: Bb8, C9, D9, Eb9, F9, G9, Ab9, Bb9. Measure 14 contains a sixteenth-note scale: Bb9, C10, D10, Eb10, F10, G10, Ab10, Bb10. Fingerings are indicated above the notes. Chords G7, Cm, F7, and Bb are indicated above the staff. Chords Bb4, Bb5, Fb3, Fb4, Bb5, and Bb4 are indicated below the staff.

Musical notation for measures 15-16. Measure 15 contains a sixteenth-note scale: Bb10, C11, D11, Eb11, F11, G11, Ab11, Bb11. Measure 16 contains a sixteenth-note scale: Bb11, C12, D12, Eb12, F12, G12, Ab12, Bb12. Fingerings are indicated above the notes. Chords D7, G7, and C7 are indicated above the staff. Chords F#3, Fb3, Bb4, Bb4, and Eb4 are indicated below the staff.

During this measure, set entire harp for the next key by setting all: Eb

KEY OF F: [Going Up]

Musical notation for measures 17-18. Chords: F, B \flat , F, Gm, A 7 . Fingerings: 4 1 2 1 3 1, 2 1 3 1, 2 1 3 1, 2 1 3 1, 2 1 2 3 4, 1 2 3 4, 1 2 1 2 1 3 1.

Chord changes: C \sharp 4, C \sharp 3

Musical notation for measures 19-20. Chords: Dm, Gm, Dm, Em $^7(\flat 5)$, A 7 , Dm. Fingerings: 4 3 2 1, 2 1 4 3, 2 1 2 3 1.

Musical notation for measures 21-22. Chords: D 7 , Gm, C 7 , F. Fingerings: 4, 4 3 2 1 3 1 2, 4, 4.

Chord changes: F \sharp 4, C \flat 3, F \sharp 5, C \flat 4, F \flat 5, F \flat 4

Musical notation for measures 23-24. Chords: A 7 , D 7 , G 7 . Fingerings: 4 1 2 3 4 1, 4, 1 2 3 4 1, 4 3 2 1, 2 1 2 1, 3 1 2 1 4.

Chord changes: C \sharp 3, C \flat 3, F \sharp 4, F \flat 4, B \flat 4

During this measure, set entire harp for the next key by setting all: B \flat

KEY OF C: [Going Up]

Musical notation for measures 25-26. Chords: C, F, C, Dm, E7. Fingerings: 4, 1, 2, 1, 3, 1; 2, 1, 3, 1; 2, 1, 3, 1; 2, 1, 3, 1; 2, 1, 2, 3, 4, 1, 2, 3, 4, 1, 2, 1, 2, 1, 3, 1.

Musical notation for measures 27-28. Chords: Am, Dm, Am, Bm7(b5), E7, Am. Fingerings: 4, 3, 2, 1; 2, 1, 4, 3; 2, 1, 2, 3, 1.

Musical notation for measures 29-30. Chords: A7, Dm, G7, C. Fingerings: 4, 4, 3, 2, 1; 3, 1, 2; 4.

Musical notation for measures 31-32. Chords: E7, A7, D7. Fingerings: 4, 1, 2, 3, 4, 1, 4; 4, 1, 2, 3, 4, 1; 4, 3, 2, 1; 2, 1, 2, 1; 3, 1, 2, 1, 4.

During this measure, set entire harp for the next key by setting all: F#

KEY OF G: [Going Up]

G C G Am B7

33 D#4 D#3

Em Am Em F#m7(b5) B7 Em

35

E7 Am D7 G

37 G#4 G#5 D#3 D#4 Gb5 Gb4

B7 E7 A7

39 D#3 D#3 G#4 Gb4 C#4

During this measure, set entire harp for the next key by setting all: C#

COMING DOWN

KEY OF D: [Coming Down]

Musical notation for measures 41-42. Treble clef with notes and fingerings (4, 3, 2, 1, 2, 3, 4, 1, 3, 1, 2, 1, 2, 1, 3, 1). Chords: D, Bm, C, Am, B7. Bass clef with notes and rests. Text: "During this section, set entire harp for: C_b". Measure number 41. Instruction: "Fingering simile as RH". Chord: D#4.

Musical notation for measures 43-44. Treble clef with notes and fingerings (4, 3, 2, 1, 2, 3, 4, 1, 3, 1, 2, 1, 2, 1, 3, 1, 4, 1, B7 1 1 3, Em 2, 1). Chords: Em, C, Am, B7, Em. Bass clef with notes and rests. Measure number 43. Chords: D_b4, D#3, D#4, G#4, D_b3.

Musical notation for measures 45-46. Treble clef with notes and fingerings (E7 4, 1, 2, 3, 4, 1, 2, 1, 2, 3, 1, 2, 3, 1, D7 4, 1, 2, 3, 4, 1, G 2, 1, 3, 1, 2, 3, 1). Chords: E7, Am, D7, G. Bass clef with notes and rests. Measure number 45. Chords: G_b4, D_b4.

Musical notation for measures 47-48. Treble clef with notes and fingerings (B7 4, 1, 2, 3, 4, 1, E7 4, 1, 2, 3, 4, 1, A 4, 1, 2, 3, 4, 1). Chords: B7, E7, A. Bass clef with notes and rests. Measure number 47. Chords: D#3, G#4, D_b3, C#3, C_b3.

Musical notation for measures 49-50. Treble clef with notes and fingerings (D7 1). Chord: D7. Bass clef with notes and rests. Measure number 49.

KEY OF G: [Coming Down]

G Em F Dm E⁷

4 3 2 1 2 3 4 1 3 1 2 1 2 1 3 1 3 1 2 1 2 1 3 1 4 1 2 3 4 1 2

During this section, set entire harp for: F_b

51 *Fingering simile as RH* G[#]4

Am F Dm E⁷ Am

4 3 2 1 2 3 4 1 3 1 2 1 2 1 3 1 4 1 4 1 3 2 1

4 G_b4 G[#]3 G[#]4 G[#]4 C[#]4 G_b3

53

A⁷ Dm G⁷ C

4 3 4 1 2 1 2 3 1 2 3 1 4 1 2 3 4 1 2 1 3 1 2 3 1

55 C_b4 G_b4

E⁷ A⁷ D

4 1 2 3 4 1 4 1 2 3 4 1 4 1 2 3 4 1

57 G[#]3 C[#]4 G_b3 F[#]3 F_b3

G⁷

1

59

KEY OF C: [*Coming Down*]

61 *Fingering simile as RH*

63

65

67

69

During this section, set entire harp for: B \flat

KEY OF F: [Coming Down]

71 *Fingering simile as RH*

During this section, set entire harp for: E \flat

F 4 3 2 1 2 3 4 1 Dm 3 1 2 1 2 1 3 1 E \flat 3 1 2 1 2 1 3 1 Cm 4 1 2 3 D7 4 1 2

73

Gm 4 3 2 1 2 3 4 1 E \flat 3 1 2 1 2 1 3 1 Cm 4 1 D7 4 1 1 3 2 Gm 2 1

F \flat 4 F \sharp 3 F \sharp 4 B \flat 4 F \flat 3

75

G7 4 1 2 3 4 1 Cm 2 1 2 3 1 2 3 1 F7 1 2 3 4 1 B \flat 2 1 3 1 2 3 1

77

D7 4 1 2 3 4 1 G7 4 1 2 3 4 1 C 4 1 2 3 4 1

F \sharp 3 B4 F \flat 3 E \flat 3 E \flat 3

79

F7 1

KEY OF Bb: [Coming Down]

81

Fingering simile as RH

During this section, set entire harp for: A \flat

B \flat Gm A \flat Fm G 7

83

Cm A \flat Fm G 7 Cm

B \flat 4 B \flat 3 B \flat 4 E \flat 4 B \flat 3

85

C 7 Fm B \flat 7 E \flat

87

G 7 C 7 F B \flat 3 A \flat 3 A \flat 3

B \flat 3 E \flat 4 B \flat 3 A \flat 3 A \flat 3

89

B \flat 7