

Shifting on the Thumb: All Regions: Perfect Fourths: DOUBLESTOPS

EXERCISE 2: Major Arpeggios. EX 2A: Shifting only on A/D string pair

(same)

EX 2B: Shifting on both A/D and D/G string pairs (arrow = move thumb across to new string pair)

thumb over

Shifting on the Thumb: All Regions: Perfect Fourths: DOUBLESTOPS

Ex 2B (cont)

Ex 2B (cont) shows two systems of doublestop exercises. The first system is in C major (one sharp) and the second is in C minor (three flats). Each system consists of two staves: a bass staff and a treble staff. The exercises are written in 4/4 time and feature perfect fourth doublestops. Arrows indicate thumb shifts: upward arrows on the bass staff and downward arrows on the treble staff. Fingerings (1 and 2) are indicated below the notes. Roman numerals II and III are placed above the notes to indicate fingerings for the thumb and second finger respectively. The exercises alternate between ascending and descending patterns.

EX 2C: Shifting on all three string pairs (double arrow = move thumb across TWO strings)

EX 2C shows three systems of doublestop exercises. The first system is in C major (one sharp), the second in C minor (three flats), and the third in C major with three sharps (F# major). Each system consists of two staves: a bass staff and a treble staff. The exercises are written in 4/4 time and feature perfect fourth doublestops. Double arrows indicate thumb shifts across two strings. Fingerings (1 and 2) are indicated below the notes. Roman numerals II and III are placed above the notes to indicate fingerings for the thumb and second finger respectively. The exercises alternate between ascending and descending patterns.

1 Shifting on the Thumb: All Regions: Perfect Fourths: DOUBLESTOPS

EXERCISE 1: Minor Arpeggios: EX 1A: Shifting on A string only

EXERCISE 1A: Shifting on A string only. This section contains seven staves of music, each representing a different key signature: C minor, D minor, E minor, F minor, G minor, A minor, and B minor. Each staff shows a sequence of double stops on the A string, with fingerings (1, 2) and first positions (I) indicated. The exercises are designed to practice shifting on the thumb while maintaining perfect fourth intervals.

EX 1B: Shifting on A and D strings

EXERCISE 1B: Shifting on A and D strings. This section contains four staves of music, each representing a different key signature: C minor, D minor, E minor, and F minor. Each staff shows a sequence of double stops between the A and D strings, with fingerings (1, 2) and first positions (I, II, III) indicated. The exercises practice shifting on the thumb between the A and D strings.

2 Shifting on the Thumb: All Regions: Perfect Fourths: DOUBLESTOPS

Ex. 1B (cont)

Ex. 1B (cont) consists of six systems of doublestop exercises. Each system includes a bass staff and a treble staff. The exercises are in the following keys: D major, A major, B-flat major, E-flat major, F major, and C major. The exercises are designed to demonstrate shifting on the thumb across various positions (II, III, IV) and string regions. Fingerings (1, 2) and bowing directions (up/down arrows) are indicated throughout the score.

EX 1C: Shifting on A,D and G strings (double arrow = move thumb across TWO strings)

EX 1C consists of five systems of doublestop exercises. Each system includes a bass staff and a treble staff. The exercises are in the following keys: B-flat major, E-flat major, A-flat major, D-flat major, and G major. The exercises focus on shifting on the A, D, and G strings, with a double arrow indicating a thumb shift across two strings. Fingerings (1, 2) and bowing directions (up/down arrows) are indicated throughout the score.