## Non-Whole-Hand Movements in Neck Region PART 1: HAND RANGE = MAJOR THIRD:

## FIXED THUMB SEMITONE SHIFTS DURING OPEN STRING INSTEAD OF EXTENSION

Play these exercises with different bowings. They can all be played also in permanently extended position without any NWH shifts. Try them also like that in order to compare the two possibilities.

EX 1: Thumb stays BACK always. Rest of hand moves up and down semitone during open string. EX 1A: On same string



EX 1B: NWH Shift To Neighbouring String. EX 1B1



same notes but fingered now always in extended position (= strained)



EX 1B1C (again now with NWH shifts instead of extension)



same pattern but one position (semitone) higher



same pattern again but one position (semitone) higher





STUDY: thumb stays back while rest of hand moves up and down by a semitone during open string



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PART 1: HAND RANGE = MAJOR THIRD (cont)

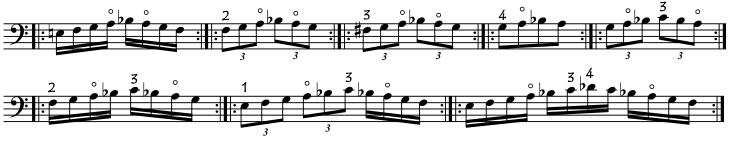
EX 2: . Thumb stays UP (and still). Rest of hand moves up and down semitone during open string EX 2A: NWH Shift On Same String



EX 2B: NWH Shift To Neighbouring String (play on different pairs of strings). EX 2B1

same notes but fingered now always in extended position (= strained)

EX 2B2 (with NWH shifts instead of extension)



Same notes but one position (semitone) higher





Same notes but one position (semitone) higher







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