

diatonic intervals in extended chords

part 1: major keys

I = 1 3 5 7 9 11 13

ex: c e g b d f a

(maj, maj7, maj9, maj9add11, maj13)

II = 1 b3 5 b7 9 11 13

ex: d f a c e g b

(min, min7, min9, min11, min13)

III = 1 b3 5 b7 b9 11 b13

ex: e g b d f a c

(min, min7, min7addb9, min11, min11addb13)

IV = 1 3 5 7 9 #11 13

ex: f a c e g b d

(maj, maj7, maj9, maj9#11, maj13)

V = 1 3 5 7 9 11 13

ex: g b d f a c e

(maj, 7, 9, 11, 13)

VI = 1 b3 5 b7 9 11 b13

ex: a c e g b d f

(min, min7, min9, min11, min11addb13)

VII = 1 b3 b5 b7 b9 11 b13

ex: b d f a c e g

(dim, min7b5, min9b5, min11b5, min11b5addb13)

part 2: minor keys

I = 1 b3 5 b7 9 11 b13

ex: a c e g b d f

(min, min7, min9, min11, min11addb13)

II = 1 b3 b5 b7 b9 11 b13

ex: b d f a c e g

(dim, min7b5, min9b5, min11b5, min11b5addb13)

III = 1 3 5 7 9 11 13

ex: c e g b d f a

(maj, maj7, maj9, maj9add11, maj13)

IV = 1 b3 5 b7 9 11 13

ex: d f a c e g b

(min, min7, min9, min11, min13)

V = 1 b3 5 b7 b9 11 b13

ex: e g b d f a c

(min, min7, min7addb9, min11, min11addb13)

VI = 1 3 5 7 9 #11 13

ex: f a c e g b d

(maj, maj7, maj9, maj9#11, maj13)

VII = 1 3 5 7 9 11 13

ex: g b d f a c e

(maj, 7, 9, 11, 13)