

Messiaen's Modes of Limited Transposition

Mode I (whole tone scale) 6-35[02468A] (2 modes)



Mode II (octatonic scale) 8-28[0134679A] (3 modes)



Mode III 9-12[01245689A] (4 modes)



Mode IV 8-9[01236789] (6 modes)



Mode V 6-7[012678] (6-modes)



Mode VI 8-25[0135679A] (6 modes)

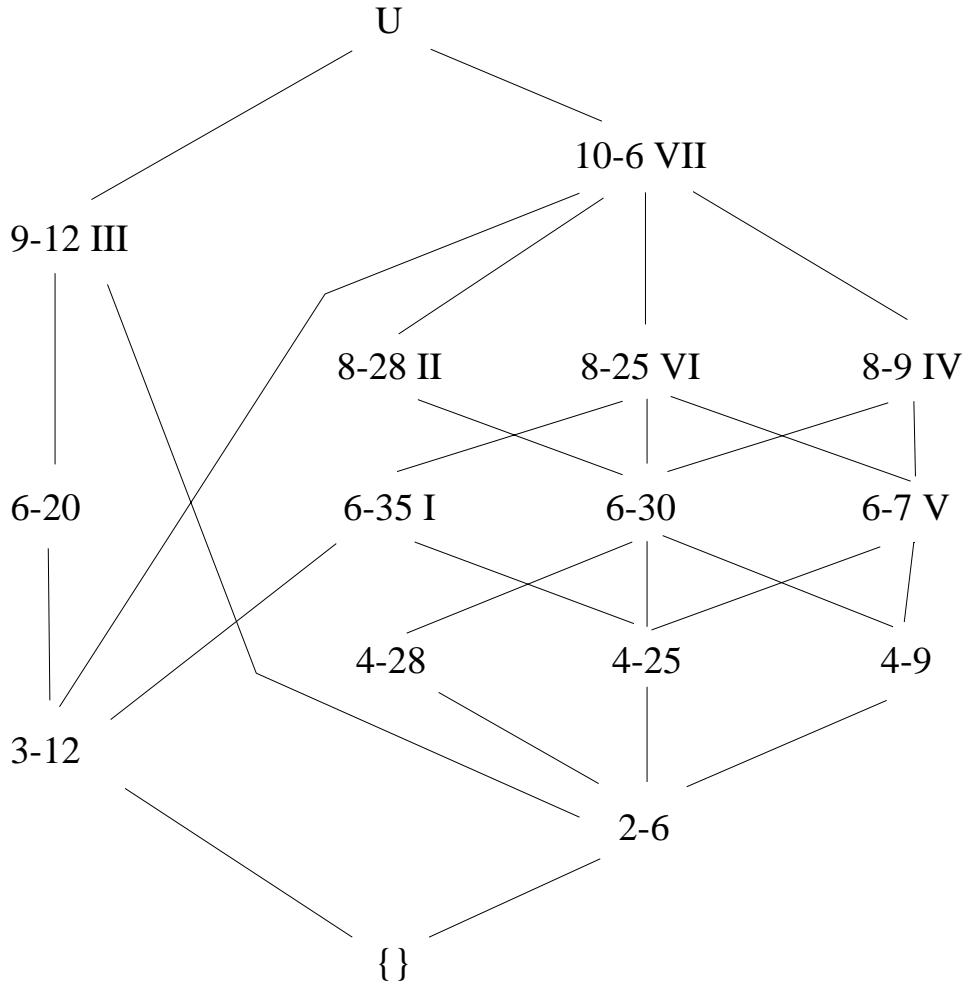


Mode VII 10-6 [012346789A] (6 modes)



Transposition invariance inclusion lattice

Messiaen's "modes of limited transposition" given by roman numerals.



3-12[048] 6-20[014589] Hexatonic 2-6[06] 4-9[0167] 4-25[0268] 4-28[0369]

9-12[01245689A] III 6-7[012678] V 6-30[013679] 6-35[02468A] I Whole tone

10-6[012346789A] VII 8-9[01236789] IV 8-25[0124678A] VI 8-28[0134679A] II octatonic