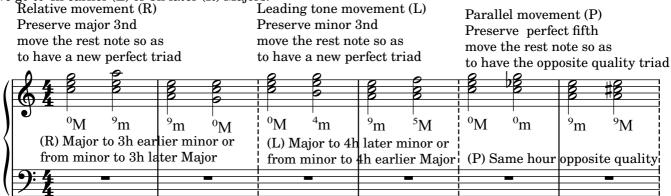
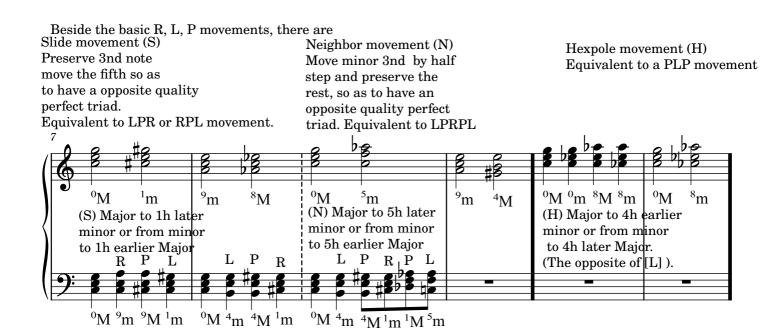
Neo-Riemannian_triads

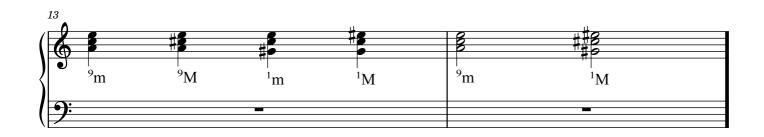
tries

Composer / arranger

Every perfect triad consists of a major and a minor third. https://en.wikipedia.org/wiki/Tonnetz is a graph tool I will represent chords by time:quality. Except from changing 3nd note to get the opposite quality, we observe that a Major triad has 4-3 intervals so we can go to 3h (R) earlier or 4h later (L) minors. A minor has 3-4 intervals so we go to 4h earlier (L) or 3h later (R) Majors.

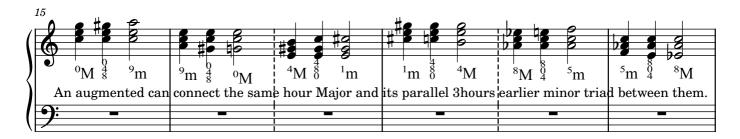




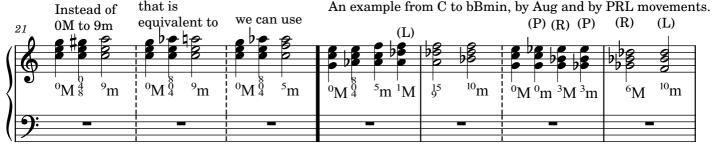


Cube dance.

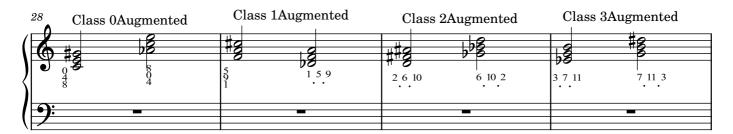
R is the only movement that move by tone. If the movement were to be made by 2 halfsteps, we go through augmented that eventually can connect minor and major triads. The augment 048 is equivelant to 480, to 804, so there are 3 major and 3 minor triads that an augmented can connect. As summary, instead of exchange by (R) Major-minor triads, we allow augmented to interfer between them, as Major-Aug-minor or minor-Aug-Major. I symbolize augmented by time:time+4:time+8



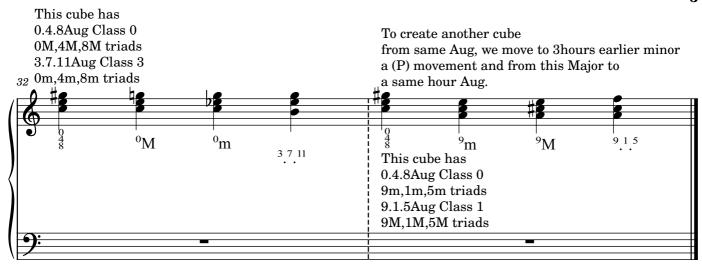
So, we are not restricted to R movement. We can go to intermidiate Augmented and, from an equivalent of that, except the (R) movement, go to one of two more triads, that have opposite to the initial triad quality. Since, instead of (R), the intermediated Augmented is used, from each triad an (L) and a (P) can be used. To the three Major and three minor triads of any PL cycle, 2 Augmenteds are added and a cube is graphically formed, as we see in https://open.library.okstate.edu/musictheory/chapter/neo-riemannian-triadic-progressions/



Because each Aug represent a class of 3 equivelant Augs, there are only 4 classes of Augmented triads.



To create a cube, we need the two Augs it has. From an Aug we move to same hour Major, apply a (P) and, from this minor, we go to 3hours later new Aug.



We created a cube for Classes 0-3 and another one for Classes 0-1 that has Class 0 Aug in common. Same way we create cube for Classes 1-2 and Classes 2-3.

All four cubes in a graph, as in https://viva.pressbooks.pub/app/uploads/sites/12/2019/07/cube-dance.png form the dance cube.