

def... for tickin : study of HARMONY (1st mov.)

4-2653 RINT complete

all the solutions without octaves

DEFECTIVE

DEFECTIVE VPS's

only RINT distance of GINT

more compact: when distance between the root of a RINT interval is > one octave, it is possible to transpose by one octave

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however other transpositions, such as would change the structure of GINT but this change still has a relationship of absolute pitch color with the original chord

TRANSFORMATION 2

TRANSFORMATION 3: chunk-based inversion

TRANSFORMATION 4: VPS-based inversion, transformation into a symmetric chord transposing inversions (Messiaen)

TRANSFORMATION: way to re-arrange the VPS, esp. when a smaller range is needed.

only GINT distance of RINT

4 pitches (BC) 5 pitches (AC) 7 pitches (ABC)

could be connected by pattern-matching

REMARK: defective VPS's are useful when fewer pitches are needed and one wants a structurally-related process to perform data reduction

: also, since not all the notes are used, one can employ chordal structures that would not be accepted as a full VPS because of octaves

: defective chords are also useful when a smaller range is needed

OTHER REDUCTION: PARTIAL VPS's

only the notes contained within a given range are used

Ex:

RANGE

Effect: chunk-based structure is not guaranteed the nature of the VPS is frequently lost