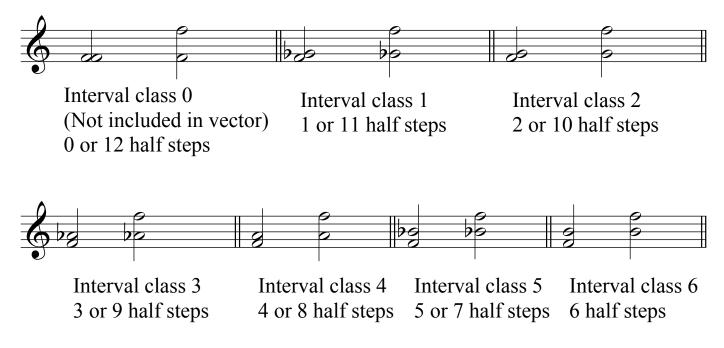
## Interval Vectors

An *interval class* refers to the number of half steps in an interval.

If the interval is larger than an octave (i.e., a compound interval), reduce it to a simple interval (<octave). If the interval is larger than 6 half steps (tritone), invert it at the octave.

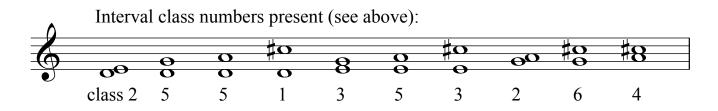
Enharmonic spellings are not a consideration here, only the number of half steps.

An *interval vector* is a catalog of the interval classes present in a given sonority.



Sample interval vector example:





Adding up, we have  $\underline{1}$  interval class 1,  $\underline{2}$  interval class 2 intervals,  $\underline{2}$  interval class 3 intervals,  $\underline{1}$  interval class 4 interval,  $\underline{3}$  interval class 5 intervals, and  $\underline{1}$  interval class 6 interval.

So the interval vector for the given sonority is [122131].

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