

# Subsets and Supersets

If a pc set is contained within a larger pc set the smaller pc set is called a "subset" of the larger pc set--its "superset."

Trichords can be subsets of supersets that are tetrachords, pentachords, hexachords, septachords, octachords, or nonachords;

Tetrachords can be subsets of supersets that are pentachords, hexachords, septachords, octachords, or nonachords;

Pentachords can be subsets of supersets that are hexachords, septachords, octachords, or nonachords;

Hexachords can be subsets of supersets that are septachords, octachords, or nonachords;

Septachords can be subsets of supersets that are octachords, or nonachords;

Octachords can be subsets of supersets that are nonachords.

[7 8 9 e] [8 9 e]

pc set [89e] is a subset of superset [789e] at the pitch-class level.

[7 8 9 e] [0 1 3]

pc set [013] is a subset of superset [789e] NOT at the pitch-class level but at the set class level.

OR: set class (013) is a subset of superset (0124)