



3-4-5 $r=2$ $p=1$ $f=1$

7-24-25 $r=6$ $p=13$ $f=17$

28-45-53 $r=20$ $p=13$ $f=17$

48-55-73 $r=30$ $p=13$ $f=7$

3-PPT CLUSTERS Each with Common p-value Diagonal Border

$$c = 2r + p = p_{next}$$

The Upper Diagonal of the Golden Diamond PPT points to its "p" and the Lower points to its "c" value. The r-value = **steps** from the center to a vertex. 2r=across. Adding "p" to "2r"="c" **steps**.

The Golden Yellow Diamonds are the CLUSTER of the 1st Tertiary Branch/Tier.

The Pink Diamonds are the CLUSTER of the 2nd Tertiary Branch/Tier on the UPPER set of CLUSTERS for that Tier. Not shown, are the MIDDLE and LOWER set of CLUSTERS for that Tier.

The f-value:
 $f = t-s = b-a$
 is CONSTANT for the MIDDLE PPT Branch for ANY CLUSTER as that Branch grows from the Tier below, e.i. MIDDLE Trunk $f=1$ and MIDDLE of 1st Tier CLUSTER $f=1$.
 $p + \Delta p/2 = f\text{-value of Upper \& Lower.}$

$$13 + 8/2 = 17$$

$$p + \Delta p/2 = f$$

Each 3-PPT CLUSTER has an Upper, Middle, and Lower PPT. Each shares a Common p-value Diagonal Border