=> we have 2 forward putus; P1 = Q, G2 G3 G4 P2 = G, G2 G8 for P. There is no non-towering forward peter D, = 1 for P2 There is one non-towering loop for forward puts D2 = 1- 66 The Total # of Loops =5 and they one L1 = G2G7 L2= G1 G3 G5 Ly = G2 G3 G4 G9 Ls = G2 G8 G9 2) There are 2 non-touring loop L, L3 = G2 G7 G6

 $D = 1 - (L_1 + L_2 + L_3 + L_4 + L_5) + L_1 + L_3$ $= 1 - (G_2 G_7 + G_2 G_3 G_5 + G_6 + G_2 G_3 G_4 G_9 + G_2 G_8 G_9) + G_2 G_7 G_6$

Tie

Musons Fain Formule;

$$T_{i}F = \frac{C}{R} = \frac{P_{i}P_{1}}{\Delta} + P_{2}D_{2} = \underbrace{\sum_{k}P_{k}\Delta_{k}}_{\Delta}$$

= G1 G2 G3 Gn + G1 G2 G8(1-66)

1 - (G2G7 + G2G3G5 + G6 + G2G3 G4G9+ G2G8 G9) + G2G7 G6