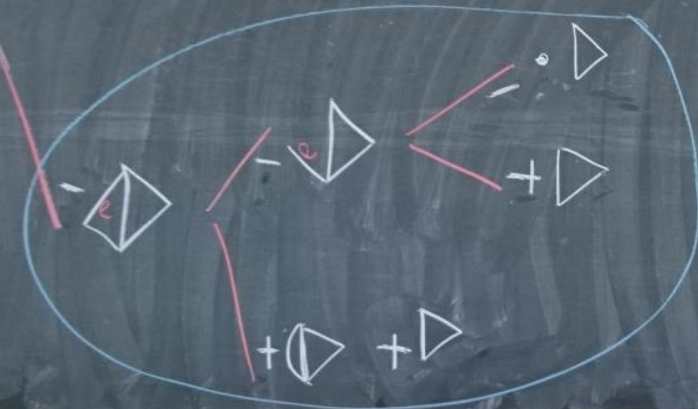


$$(k-2) \cdot L$$



$$(2-k) \Delta$$

$$\begin{aligned} \pi_k(G) &= \\ &= (k-2)(L-\Delta) \end{aligned}$$

$$\begin{array}{c}
 \begin{array}{|c|} \hline e \\ \hline \end{array} \\
 \begin{array}{c} \diagup \\ \diagdown \end{array} \\
 \begin{array}{|c|} \hline \cdot \\ \hline \end{array} \\
 \begin{array}{c} \diagdown \\ \diagup \end{array} \\
 \begin{array}{|c|} \hline - \\ \hline \end{array} \\
 \begin{array}{|c|} \hline \cdot \\ \hline \end{array}
 \end{array}
 \quad
 \begin{array}{c}
 (k-1) \cdot \\
 \parallel \\
 k(k-1)^3
 \end{array}$$

$$\begin{array}{c}
 \begin{array}{|c|} \hline e \\ \hline \end{array} \\
 \begin{array}{c} \diagup \\ \diagdown \end{array} \\
 \begin{array}{|c|} \hline \cdot \\ \hline \end{array} \\
 \begin{array}{c} \diagdown \\ \diagup \end{array} \\
 \begin{array}{|c|} \hline - \\ \hline \end{array} \\
 \begin{array}{|c|} \hline \cdot \\ \hline \end{array}
 \end{array}
 \quad
 \begin{array}{c}
 (k-1) \cdot \\
 \parallel \\
 k(k-1)^2 = (k-1)(k^2-k)
 \end{array}$$

$$\begin{array}{c}
 \begin{array}{|c|} \hline e \\ \hline \end{array} \\
 \begin{array}{c} \diagup \\ \diagdown \end{array} \\
 \begin{array}{|c|} \hline \cdot \\ \hline \end{array} \\
 \begin{array}{c} \diagdown \\ \diagup \end{array} \\
 \begin{array}{|c|} \hline - \\ \hline \end{array} \\
 \begin{array}{|c|} \hline \cdot \\ \hline \end{array}
 \end{array}
 \quad
 \begin{array}{c}
 k^2-k \mid k^5 - 4k^4 + 6k^3 - 3k^2 \\
 \quad \quad \quad - 2k^4 + 8k^3 - 12k^2 + 6k \\
 \hline
 k^5 - 6k^4 + 4k^3 - 15k^2 + 6k
 \end{array}$$

$$\begin{array}{c}
 \begin{array}{|c|} \hline e \\ \hline \end{array} \\
 \begin{array}{c} \diagup \\ \diagdown \end{array} \\
 \begin{array}{|c|} \hline \cdot \\ \hline \end{array} \\
 \begin{array}{c} \diagdown \\ \diagup \end{array} \\
 \begin{array}{|c|} \hline - \\ \hline \end{array} \\
 \begin{array}{|c|} \hline \cdot \\ \hline \end{array}
 \end{array}
 \quad
 \begin{array}{c}
 > = k(k-1)^2 \\
 \cdot \\
 > = -k(k-1) \\
 \parallel \\
 k(k-1)^2 - k(k-1) = k(k-1)(k-2)
 \end{array}$$

$$\begin{aligned}
 \Pi_k(G) &= (k-2)(k(k-1)^3 - k(k-1)(k-2)) = \\
 &= (k-2) \begin{pmatrix} k^4 - 3k^3 + 3k^2 - k \\ -k^3 + 3k^2 - 2k \end{pmatrix} = (k-2)(k^4 - 4k^3 + 6k^2 - 3k)
 \end{aligned}$$