

If A is a square matrix of order n, then |adj(adj(A))| is:

$$adj(adj(A)) = |A|^{n-2}A$$

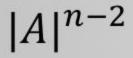
$$\Rightarrow \left| adj \left(adj(A) \right) \right| = \left| |A|^{n-2} A \right|$$

$$\Rightarrow |adj(adj(A))| = |A|^{(n-2)n}|A|$$

$$\Rightarrow \left|adj(adj(A))\right| = |A|^{(n-1)^2}$$









$$|A|^{n^2-2n}$$



$$|A|^{n^2-n}$$



$$|A|^{(n-1)^2}$$