

$$Q_s = (B, AB, A^2B) = \left(\begin{array}{cc|cc|cc} B & AB & A^2B \\ \hline 1 & 0 & 1 & 1 \\ 2 & 1 & 8 & 10 \\ 0 & 1 & 0 & 0 \end{array} \right)$$

Rang \Rightarrow 1 2 3 3 3 3