(curs 2 AG) * IT ours AG Fre $A \in \mathcal{M}_m(\mathbb{R})$ as $A^3 - 6A^2 + 12A = O_n$ Calculati $rg(2J_m - A)$ 2) File A = 16, (R) a) Daca Tr(A)=0, atunci 13 = BA2, 4BEM2(R) b) Daca Tr(A) + 0 si AB = BA2, atunce AB = BA 3) Fig. A = $\begin{pmatrix} 1 & -1 & 3 & 5 & 6 \\ 2 & 0 & 4 & 1 & 2 \\ 1 & 1 & 2 & 0 & 4 \\ 0 & 1 & 3 & 4 & 0 \end{pmatrix}$ a) Determinati forma esalon redusa b) rg = ?