Problem Set 2 Character polynomial is (x-1)(x-4)(x-4) x2 -4x-1x +4 = (x2 -5x +4)(x-6) = $x^{3}-5x^{2}+4x-6x^{2}+34x-94=$ =1 [x³-11x²+34x-94] - original equation QA=(1) QA=(4) QA=(6) Eigenspaces 7=11 A-(1) J3= \$\psi 4-15 = \$\psi 35 \\
\$\psi \psi \psi \psi 1 = 1 \\
\$\psi = \\ \begin{align*} & \

