Lecture 18 Problem: Problem By inspertion, we get Ax=0 when x=[!]; since x={!}, then A is not invertible and thus det(A)=0, Majnam A-I also has a nonzero nallspace abothus det (A-I)=0, and No, as Inthe ase of Cai).

= (6-9)((-01)((-6)