

uf a recursion is minight, where we no year variables Hince, # basic var > # free var b) If a SLE of heg. has a madrix with a pirol in each col, then the SLE has a unique tol. TRUE c) a consistent nystem of lin. eg. with fewer eg. than unknowns can never have a unique vol. TRUE # basic var = # lquations in this case also # basic var < # var Hence shere murs be at lears one free var. d) Juppose 3×5 coefficient matrix for a eyestem has 3 pivol cols. Then the eyestem is consistent TRUE If the (3×5) matrix has 3 peros cols then the RREF of the augmented matrix cannot contain a now of the form [0....06] with 6 nonzero