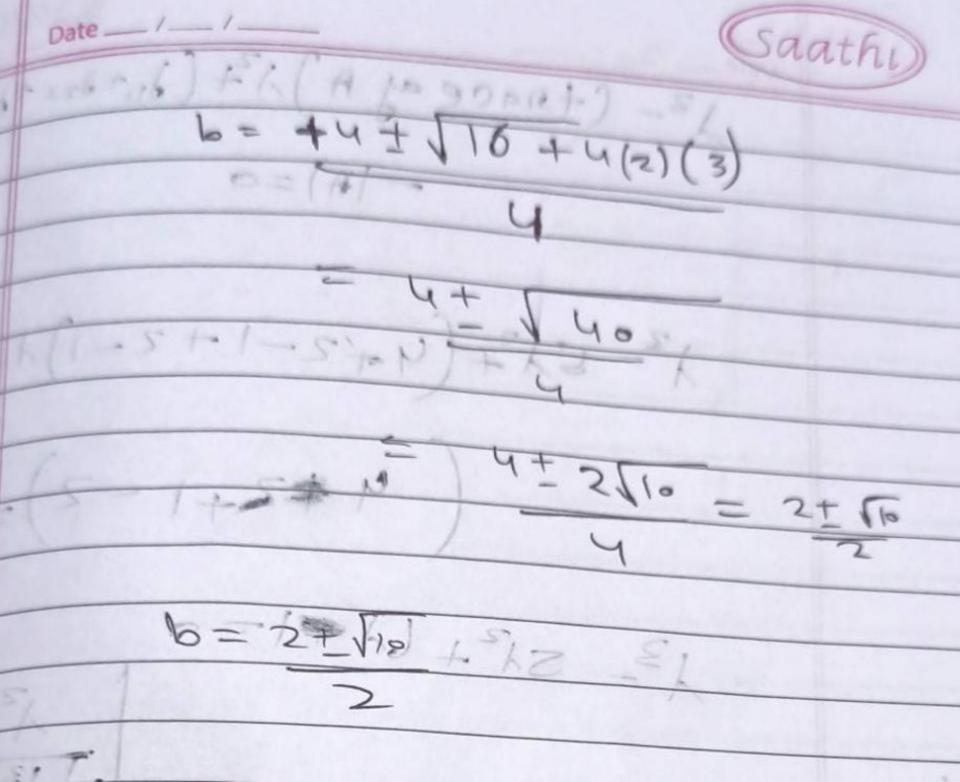
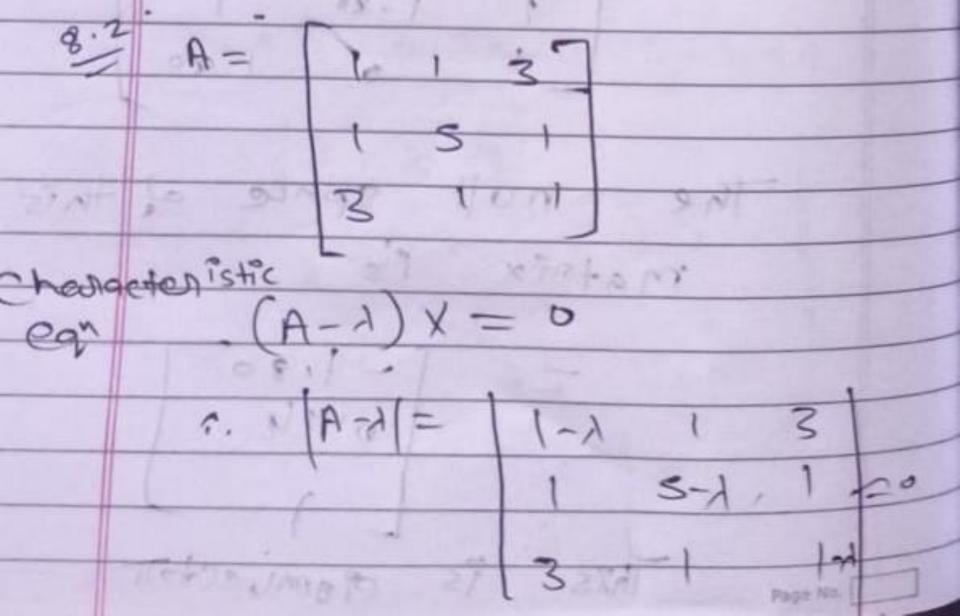
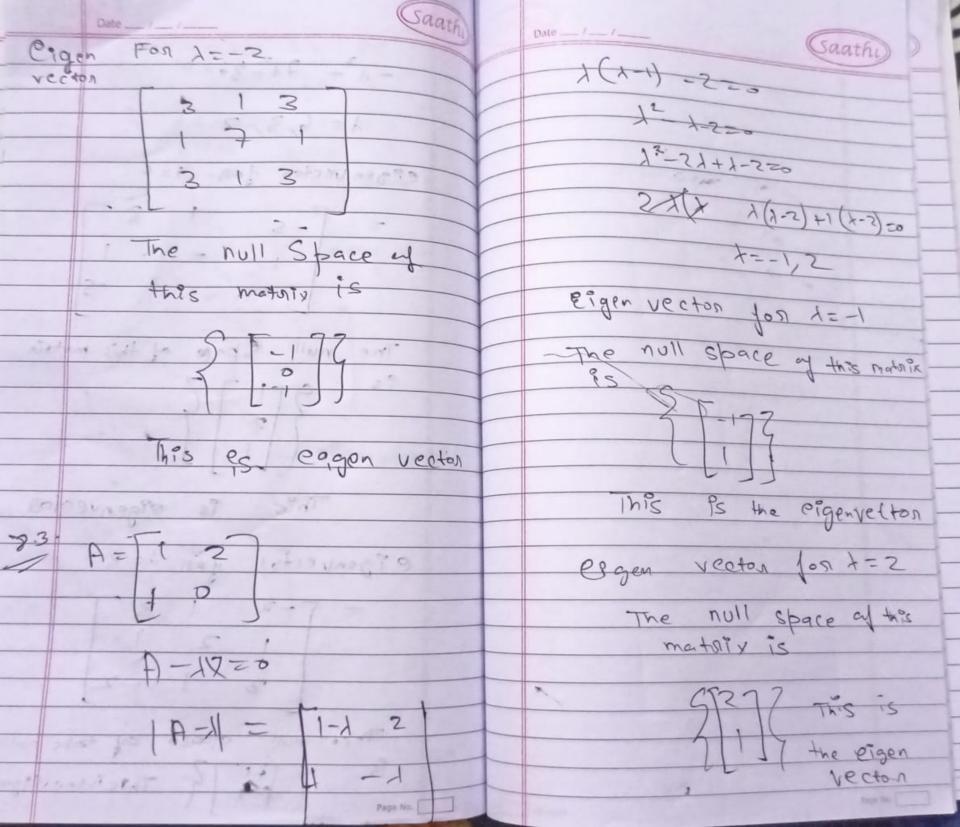


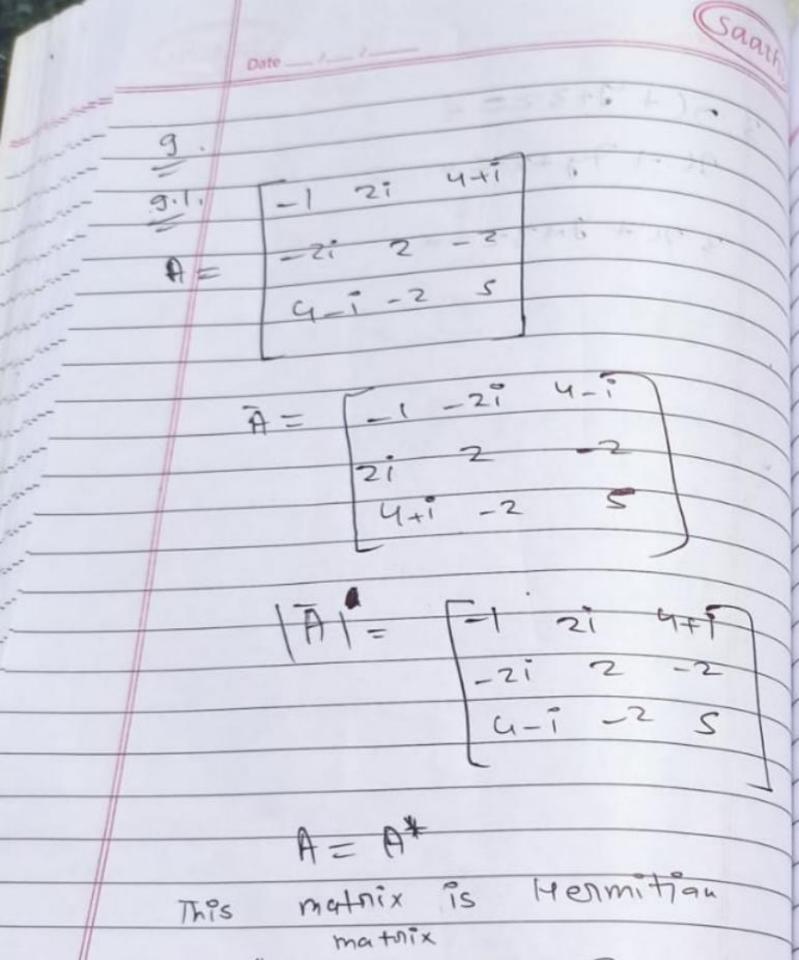
Non-trivial sol" -) C- 40 - - if the Bystem is non-tonivial they = 55 + 5 + 5 5 C. 1A -2 (6-6)-6(2-26)+3(1-6)=0 12-26-26+252-15 =0 262-46-3=0 8674

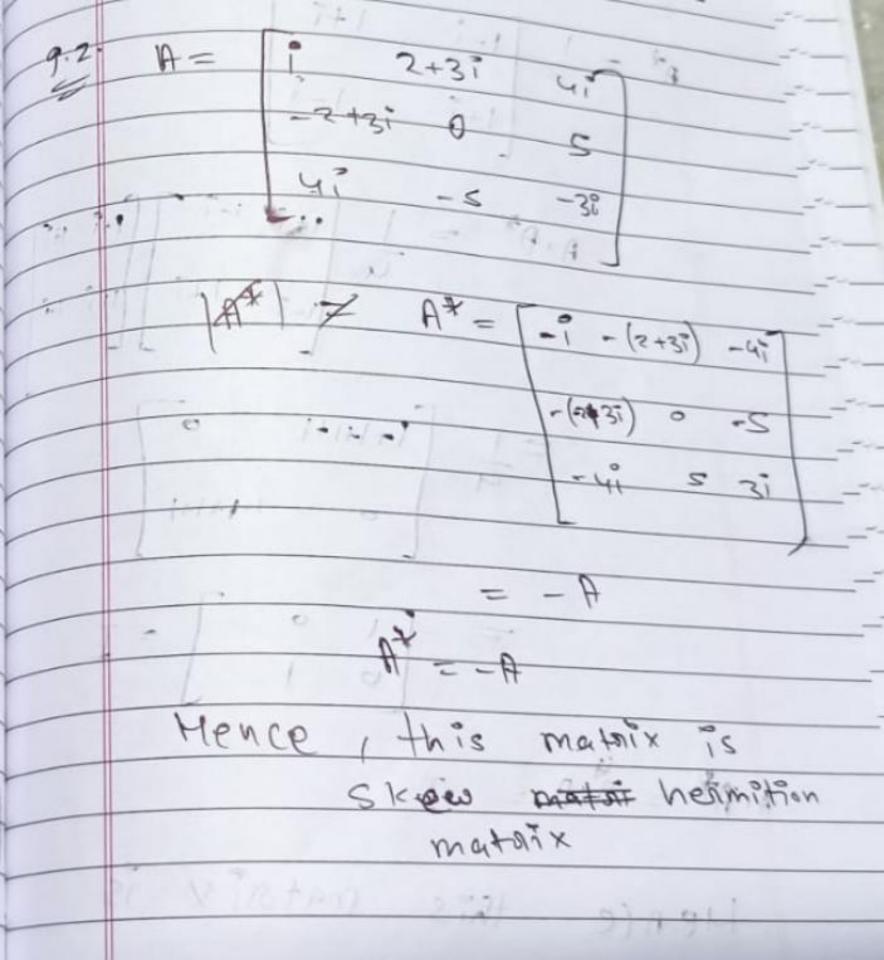


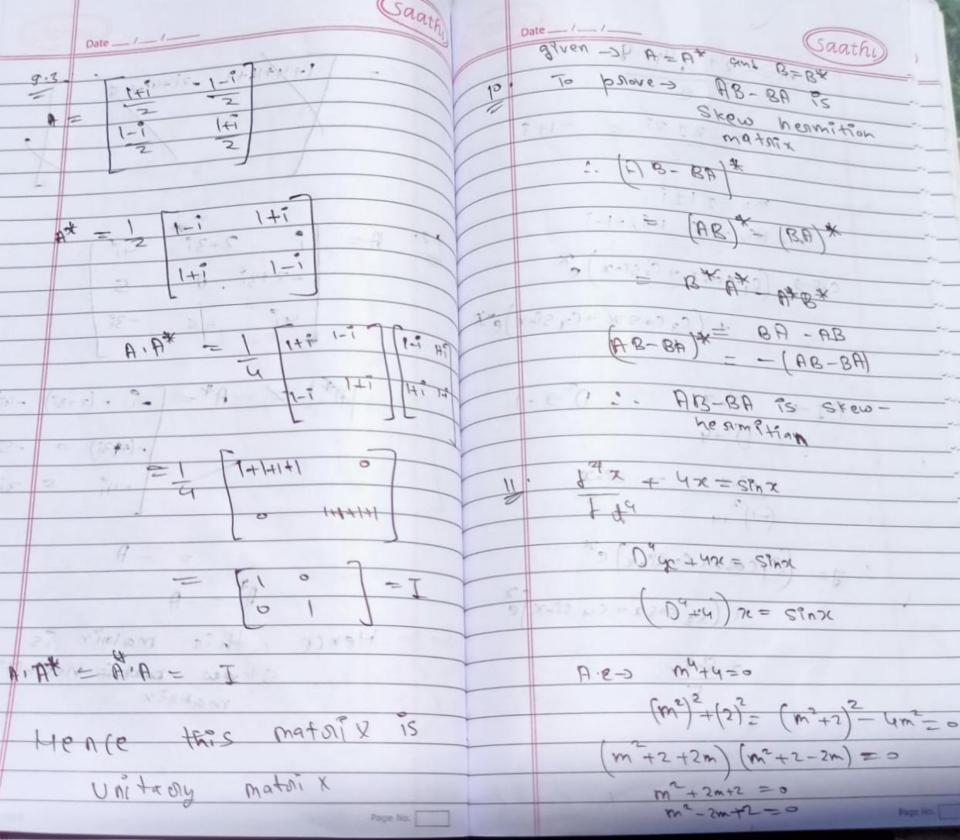


(Gaathi) - x + 7x - 36=0 1=6,3,-2 ergen vector for t= 6 111831 The null space of this materix 95 9 1 9 lift of leadon nevil This is ergenvected eigenvector jon 2=31 There not space of the matrix S This is the eigenbrise









Gaar 2 m= ±1±1 m= 1+1, -1+1, 1-1,-1-1 C.F. (CIEOSX + CZSTAX) e + (C3 C057(+C21 Sinx) ex 49 - 9 A 19 00 -P.I-0 Sinx17 : 029-1 1 D4+4 (-1)²+4 y= (C, Cosx+(25,42) ex - + (c3 cosx + c4 sinx e + Sinx

