81

Anivaddha Ponnuri RA 2112704010015 The characterstic equation A= 12 12-812+5220. S12 trace of A = 4 S22 IAI = - 5 12-41-5=0 51 Awide by A-1 multiply by A-A-4I-5A-120 A-41 -5A-1 12 -4[16] = 5 A + 1 [-3 2] - A-1 5 4-1]

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A2 1 1 -1 1 2 1 1 1 3

D12 pol 21

N22 Qu Qu = 1 4 2 1

Since 0,76, D.76, D376; Ais possitive