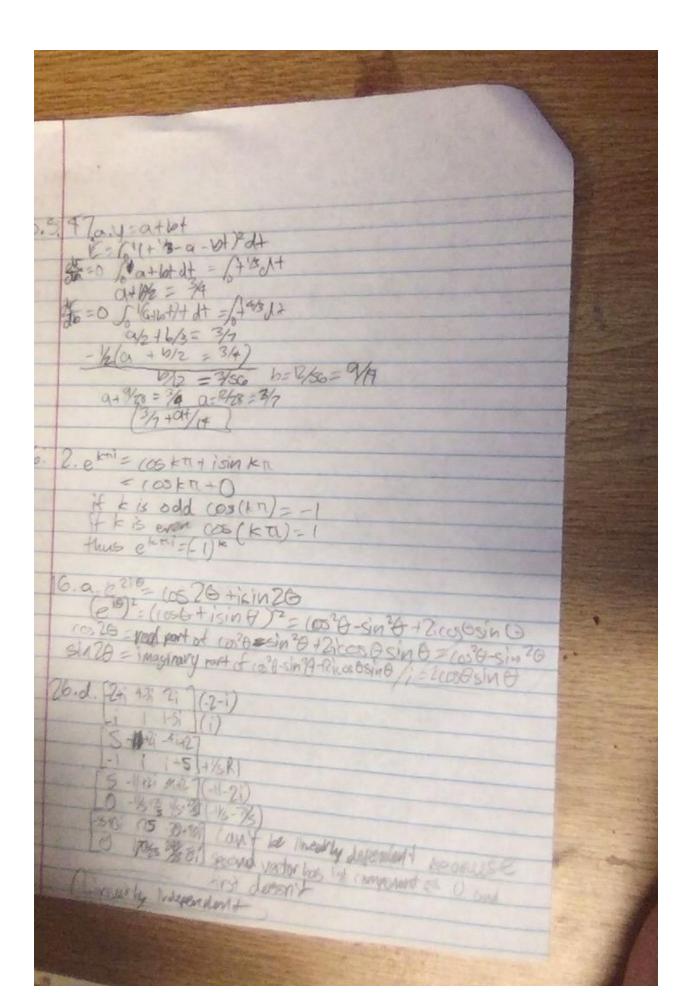
prex Gemann Homenork 12 (1-t)(+-t)(+-t2) yo + (+-ta)(+-t2)yot (1-ta)(+-t2) yo 46 1= acos(0) +6 sin(0) Be a cos(0/2) + osin(0/2)



36 27 0 [2] = [a+ip] (5 = (u+ib) a=c+id (caid) [a+1b]
[ca+cib+aid-db] & 5 this is not a subspace of C2 31. [xtiy] +RI Xty 7-1/2/22 If I thus x and y must be linearly independent 36, 60, 60, neur EMAY, w= chw, + V, w, ) = 70 (12 w2+ V2 w2) - Chyw, on 5, Marie < V, W = - V/W + 212 W2 = W, V + 2 W2 V2 = < W, V > V POSTIVE VIWITZY WZ = 0 V b. billrear condu, w> = ((u)w,+v,w)+c(iu,w+thyw)+c(iu,w+hyw) 20(u2w2+ vew2) = G(Br, W > LCV, W)

Devonodic < V, W > V, W, t V W = 2 V ZW4 + 2V2W2 = < WV > V 

