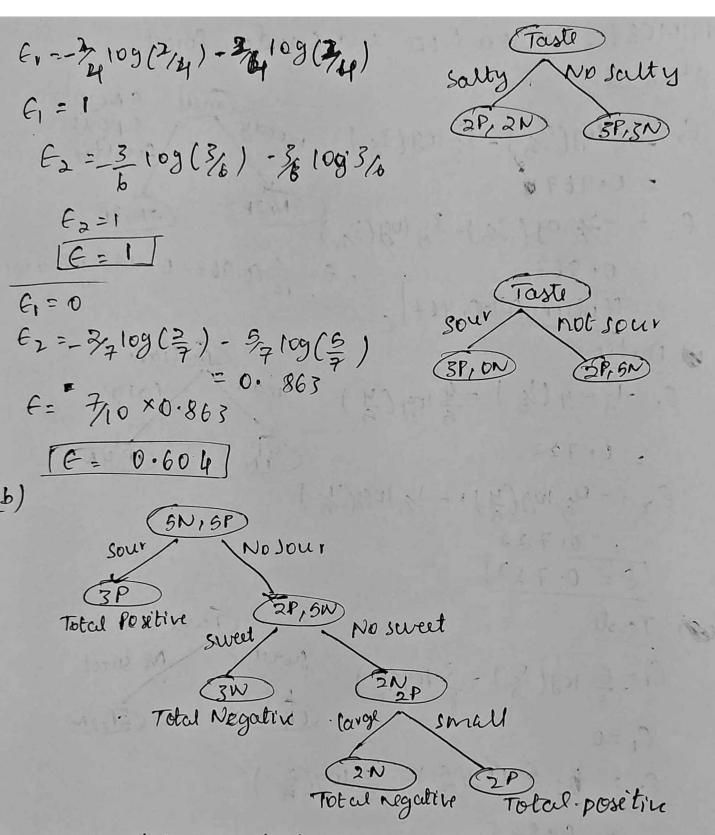
and Landom forests , Decision trees 2019101087 5 Negative 5) a) smell E1 = 36 108 (26) - 35 108 (36) = 0.967 (ZNISP) Ex = -76109 (36)-36109 (3/6) , E= 5 (0.967+0.967) = 10 (0.967) = 0.967. =) [Entropy(E)=0.967 Portion Portion E1=15109(3) -4109(4) Ez = - 43 109 (4)4 - 13 109 (6) = 0.722 [E= 0.722] Taste F== 09(3)-3109(3) 日= 如至109(学)- 至109(学) = 0.863 and seed to see tell E = 7,0 × 0.865 =) [E = 0.60 h]



First split sour/not sour is of the lowe entropy and next splits are sweet/No sweet, longe/small bes all the splits give a paire node in above tree.