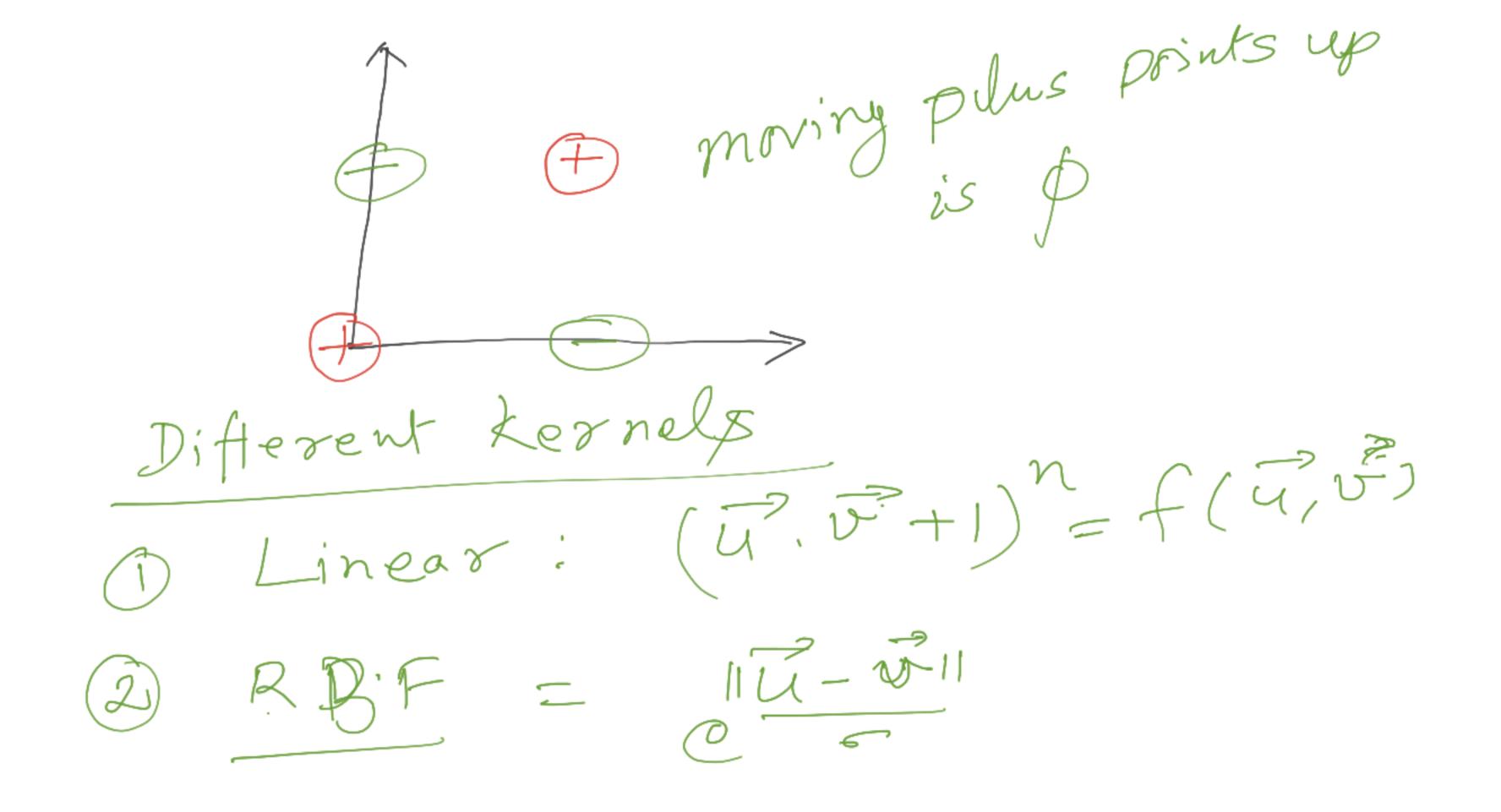


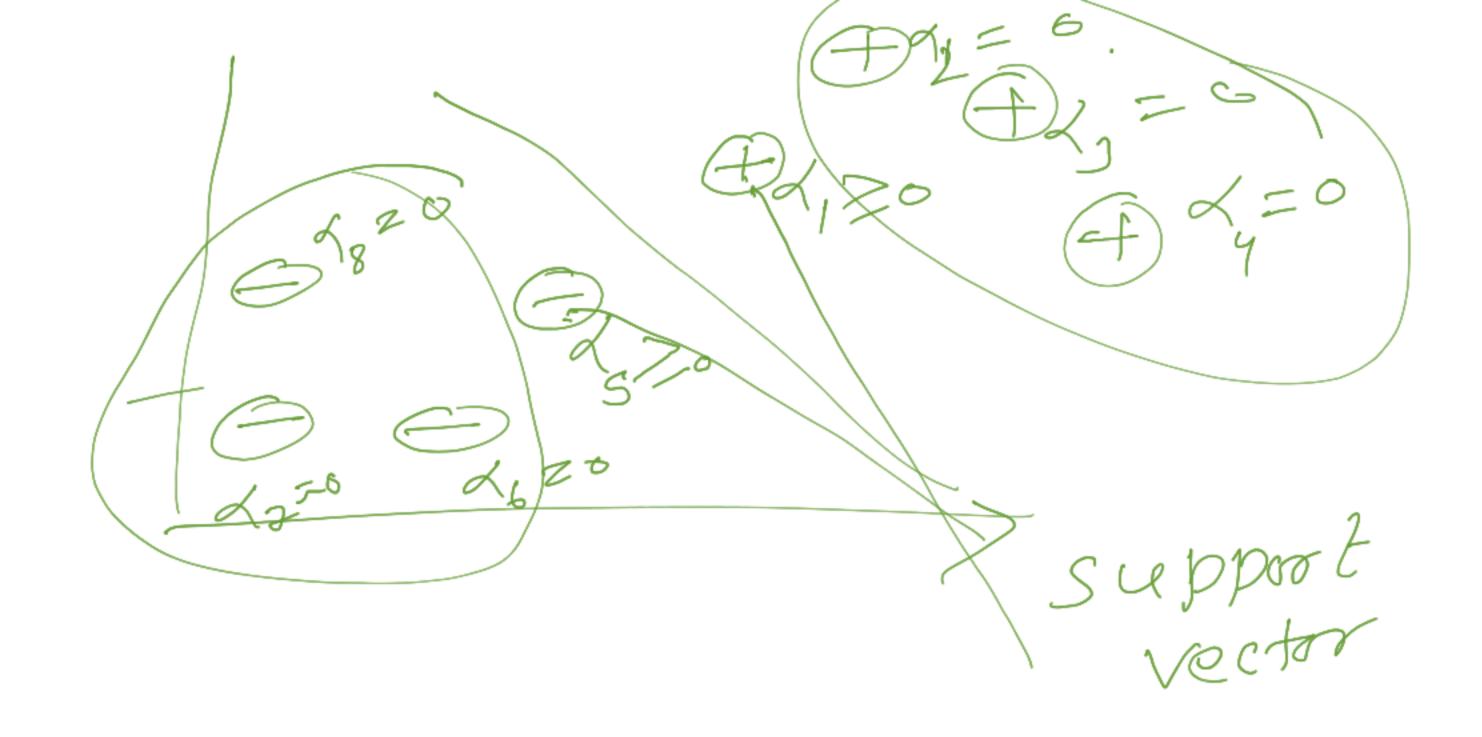
width = 2 11 W11 maximize width S, t. H(Z. W+b)-1>

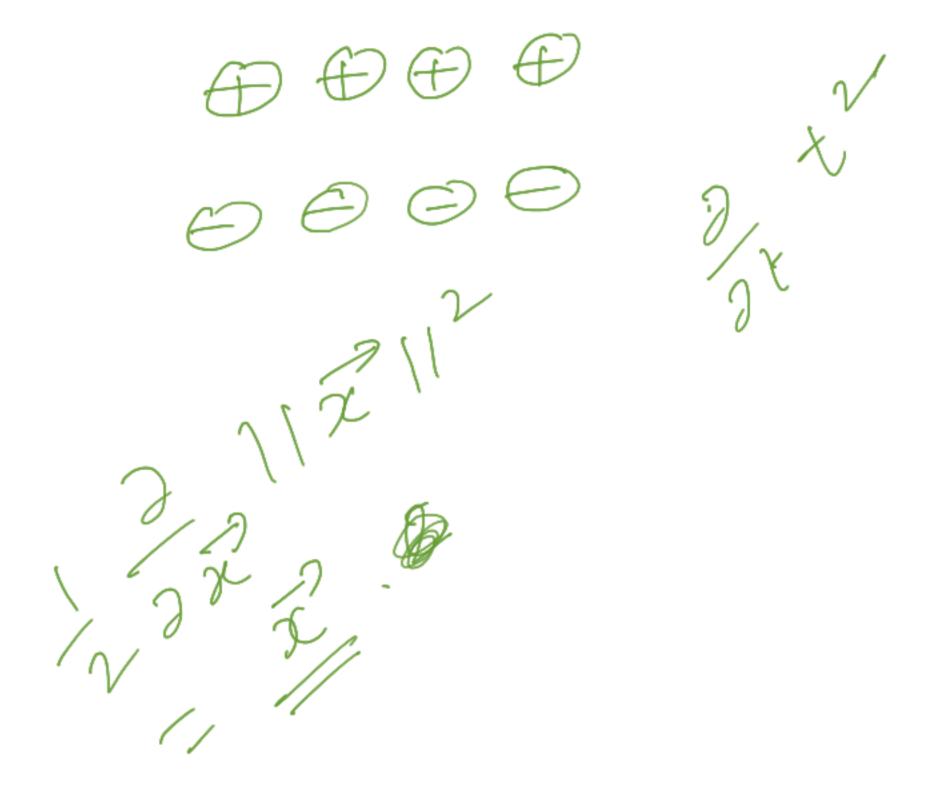
- 11W112- Z'Xi (Ji) (zi w +b) -1] 2. Li > 0 - Dlangsagian 一型化光光 一里红如光。 · - 51 di yi = 0 => (Z'xi yi = 0)

L= = (24° 7° 7°) (5'4'4) - 7 Li yini. Z'Lj yj - 2 xi yi 6 + 51 xi = 21 ho - 1 51 51 ho yo yo yo yo you zoo (3, 1+ 1)>0 Then AVe => I'x yx [24. 4] + b > 0

 $\chi_i \xrightarrow{\mathcal{P}} \phi(\chi_i)$ z_j \xrightarrow{p} $\phi(z_j)$ maximize $\Phi(\vec{x}_i) \cdot \Phi(\vec{x}_j)$ during test time. \$ (Ti). \$ (4) $K(x_i, x_j) = \phi(x_i) \cdot \phi(x_j)$







50 points End-sem - 201 MCD 10 X2 40min - 30 subjective 5 5x6 person 2 hours those issed I thour paper who minor/minor + 1 hour paper (112-2)/2 +1 (22"-2)/2 +1 110/2 +1 -56 2212