20=2-ま no wer on w : w/2 +b =0 3113 => w (2-3)+b=0 いてオーペコ)+5=0 d 2 WTR + 5 WW 1 2 Wars. 3 y www 11 d1/2 = Jata α Jwiw = ω 2 + 5 Jwiw 2 w 2 + 2 + 5 = J x 2 W W Z JUW WW | | | d| 2 2 5 x+5 11 61/2 Margin 8 (w, 5) = min w7 +5 1 XED II WILL of dan for Am Find w which maximizes of (w, s), but not this? so need a comfaint to you x; +>>>0 3, × × WIND WITH working min 720 reo w,b WIW CHED WIRED mex our hypothers H= {x: wx+b=03, Rescale it such that min W2+5=1 so now we are left with max 1 =7 min www panahola Possing the two constraint together 7:(1074:+5) 21 linear V: 4: (47x1+2) 7,0 } => constraint min with >= 1 = Uge: Quadratic problem solver