

(J) lu st + Bu (3-x) < lu (x +1) + lu (25 x - 49) vastence ple (3) , 3-x > 0 (3) x (3 historient 25x -49>0 €> x>-1 25x -49>0 €> x> 25 (J)emsle tx & Jef. 31. Refelentine de (3): lu [24 (3-x)] < lic (x+1) (25 x -49) 24(3-x) 4 (x+1) (15 x +48) car x +> lies 18/ une Wechui & sur Ry 25 x - 121 > 0 × ∈ 7 - ∞; - 4 [∪] ; + ∞ [. Solution ble (1): \$=] =] Heare (live 66 1. 29) Adden pre: Archar = Archt Vx (4x ER). Sat: fir) = Anc lan it et glo) = Anc est to Gx & R +! f'(r) = 1+x 2000 et g'(r) = - 1+x 2000 Anis: 4x GR : for = g (or) where flo) = glo) + C Paux = 1: f(1) = g(1) + c reneglescus are land = Arc est 1+C Par ensequent! Are lan = Are est Jx = 2+ + c => c=0. f: B - B k -> k = Anc law 50-x2 · k > to f(p) = k + to Arc law 1 = \$\frac{\pi}{4}\$. · kul fix = lin fre lan 1-6 = melan 0 = 0= fes. · line fix) = line he lan (5-x) = Archan 1 line f(x) = f(\$(0) = 1 - 10 x +2x - J + 2x - 2x - 1 - 5x + 2x - 5 1 + (1 - x - 2) - (5x - x - 2) - 1 + (1 - x - 2) - (1 - x - 2) - 1 + (1 - x - 2) - (1 - x



