

HW #2 (1+cos A) rdrdA Jo Jo (1+105 0) rdrd = (1+105 A) & A 2 10 + 9,00 (27+0)-(0+0) Ja Ja (r) dr df = 1 [201 (1+cos θ) dθ 1 (1+2cos 0+ 1+ cos 20) do 3/2 0 + 2 5 5 h 0 + 4 5 5 h 0 0 dr/d==-Sin 0 => dr=-sin 0 d D= 1 (1+ (05 0 d0) + (-5; n010) 11+2005 0+ 1+00520 + 51n20 length= [2] 142cps0+ + 1cos0 + 5:182 + 100 u=1+2c-50+ 1+cos0 + 5:182 + $\frac{1}{z} \int u^{1/2} du = \frac{1}{z} u^{3/2} = \frac{1}{z} \sqrt{1 + 2\cos\theta + \frac{1 + \cos 2\theta}{2} + \sin^2\theta}$ 2 (V1+2+1+0) - (V1+(-1.307)+(-0.427)+0.573) = 8

