Hendrik Heinz Mathe 6.420 a.) $\gamma(x) = 6.96 x^2 + 34.8 x = 0$ x (-6,96x+34,p)=01-34,p -34, p=-6,96x |:-6,96 255ely 677 = 34, 950= 70 1"(s)= -73,92.(-5)+34P=34PHOP -2,32.53+47,4.52=-290+435=145m/s=S22tm4 (); = L015 $\frac{-232x^{3}+174x^{2}}{P(x)=-2.32x^{4}+\frac{17.4x^{3}}{3}=\frac{232}{4}x^{4}+\frac{17.4x^{3}}{3}$ (e) + (x)= 73,92x+34)=0(34,8-73,92x]: 73,92 15 = 362 SM 4-797 2.5 d/2(-2,32x2+17,4x)=0 0 = -2,31x+17,4 -17,4 17,4=-2,32x 1: 1,34 75=X i \$0:75J Rex = 2,32 4 77,4 3 57,5 (2,32 x +77,4 x + 2 | dx 175 = -23 754 134 753 = 611,72m