Problem 2 (cont'd) max [//ttass.(x,yw)// Decars when Tw Loss(x) = $Z\phi(x)(2\sigma(z)-3(\sigma(z))^2)\frac{d\sigma(z)}{dw}$ do(2) = d[-1] = 100-2 10(1-0(2)) =0 dw. = dw. [1+e^2] = (1+e^2)2 10(2)3 =0 T(z)-200 (known to be min) $\sqrt{\sigma(z)} = \sqrt{2\sigma(z)} = 3\sigma(z)$ = $\sigma(z) = \frac{2}{3}$ W-p(x)=2 01 T(2)=3