NWABURZE IFEINACHT 15/ENG05/049 CIVIL ENGINCEPING he power of desipated to a resource is give as to Equation $P = E^2$ If E= 200 rolts and R=0hms. Find the change in P Helling from a dop of 5 who in E and an exceede of 0.2 dm. QR = 0.20ms 5p = dp. de + dp. de <u>δρ 2 ξ</u> _ (2) DE 2 -5V = -5 × 100 Z = -2.5% of = -2.5E $\frac{\partial \rho}{\partial c} = \frac{-\epsilon^2}{c^2} - 3$

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2. The delection y of the centre of a circular plants of the edge and uniformly boarded is Jun in equation y = Kwd+ Solfn 2 +3 × W = +3W - - 0 dy 4Kwds $= \frac{+2.5 \times d}{100} = \frac{+2.5d}{100} = -(3)$