· Most commonly used is advance on constantum u/ 5, ~ 2.1 of 45 % Ny 55% Cu is nice becase of linear for elastic & and even into plastic - High "e" and insmitted to AT · Gaze Constantion = needs to be volatively long (~ O.1 m) but we wont & at a specific bountion 7 Put rate guid puttern · 1930's Ruge / Simmes : were on paper · 1950's Sanders : Roc: phalo atahed on netallice fail awardly sould to plastic for dwalfilly : insulation - need special appropriation for boading to specimine specimin → Lynge € [200 pm , 100 mm] · Array . -> Linea Anny: [My my my] for enjoying a line of 2 -1 Roseffes · 10° Rose Ho: [[] M] if we know principal otroin + 45 " RoseHe: [MM MM PM.] ; GO " MINISTER] · honge Sensitivity and Gage Factor I just a just adds lumisueure component "E" which we don't went to measure -> SA: 18 = 1 ANR must be transferred for bianiel strain -> LR/R = S. E. + S. E. + S. E. + S. T. + = S. (2. + 14. 2.) ; E. . . D. E. Arial Insure Shew rensitivity " K4 = 34/5 or transverse sensitivy Sensitivy queton -> Sq = Gage factor ar./2 = Sy En = S. En (1- 0 K2); Sy = Su (1- 0 K4) =/ [Sy, Sn, 12] E 1.26 +2.15, Every some fine only considered and stania, knowing that is some formation $AR/R : S_2 E_R \left(1 + K_+ \frac{E_+}{E_R} \right) \rightarrow E_R : \frac{LR/R}{S_2} \frac{1 - \omega k_+}{1 + k_+ \left(\frac{E_+/E_R}{E_R} \right)}$ stanian $E_R : S_2 E_R \left(1 + K_+ \frac{E_+}{E_R} \right) \rightarrow E_R : \frac{LR/R}{S_2} \frac{1 - \omega k_+}{1 + k_+ \left(\frac{E_+/E_R}{E_R} \right)}$ stanian

so that % ever from replecting transverse compared

\$\frac{\xi}{2} = \frac{\xi_{\infty} \infty}{\xi_{\infty}} = \frac{\xi_{\infty} \xi_{\infty} + \infty}{\xi_{\infty}} \frac{\xi_{\infty} \xi_{\infty} + \infty}{\xi_{\infty}} \frac{\xi_{\infty} \xi_{\infty} + \infty}{\xi_{\infty}} \frac{\xi_{\infty} \xi_{\infty} + \infty}{\xi_{\infty} \xi_{\infty} + \infty} \frac{\xi_{\infty} \xi_{\infty} + \infty}{\xi_{\infty} \xi_{\infty} + \xi_{\infty} + \infty} \frac{\xi_{\infty} \xi_{\infty} + \xi_{\i