

...back from 09-09-2024 --> 09-16-2024 onto mechanical

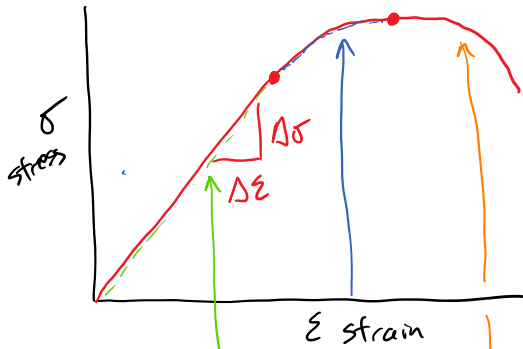
↓ strain
↑ stress
↑ strain
↓ stress

Nice picture from Wikipedia: Ultimate Tensile Strength

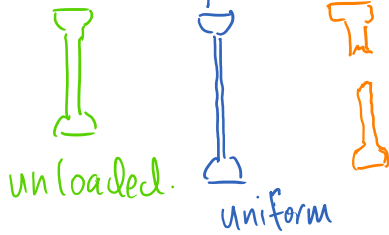


$$\frac{\Delta \sigma}{\Delta \epsilon} = E$$

"Young's equation"



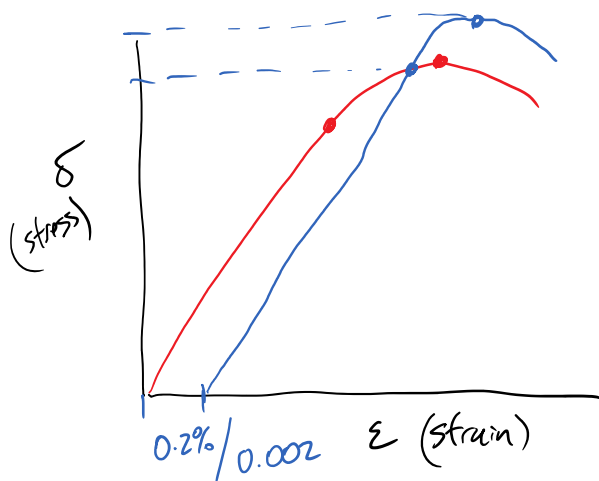
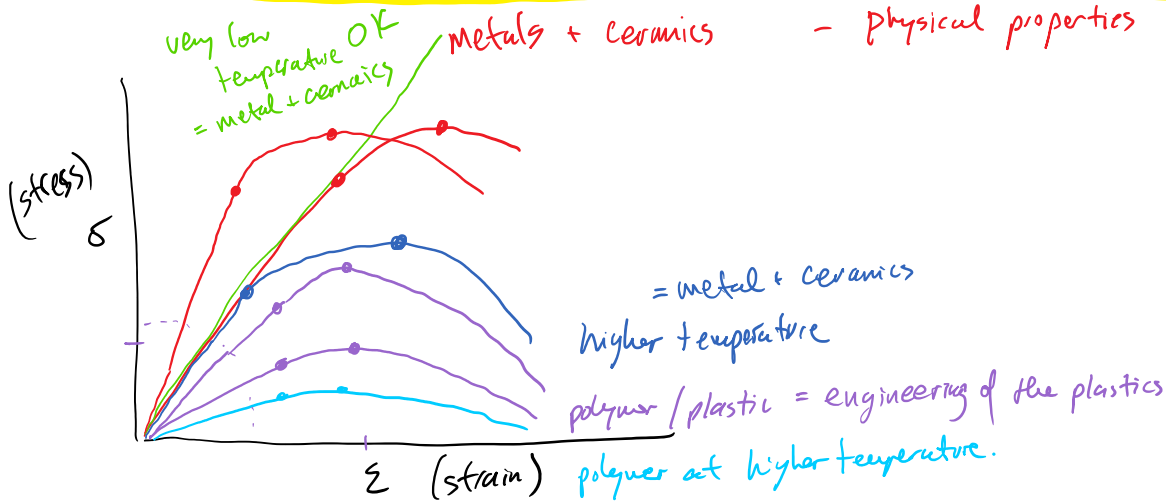
"stress"



non-uniform



another example.



"fracture" → "ductile" (6.1)
see this visible
"brittle"
can not see this

name
structure

