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05/02/2021 1400

m6x00420

Advanced Stress + FEA

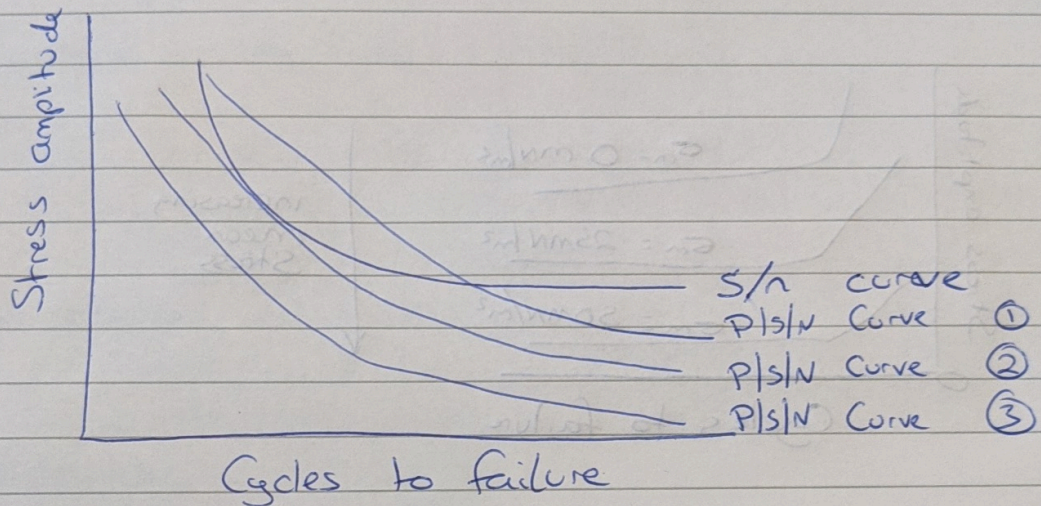
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Advanced Stress + FEA

c)



- ① 90% Chance of failure
- ② 50% chance of failure
- ③ 10% Chance of failure

Fatigue life of a component determined at particular stress level is variable - identical specimens give different results.

Several test pieces are tested at same stress so the probability of failure can be calculated. as seen above (graph)