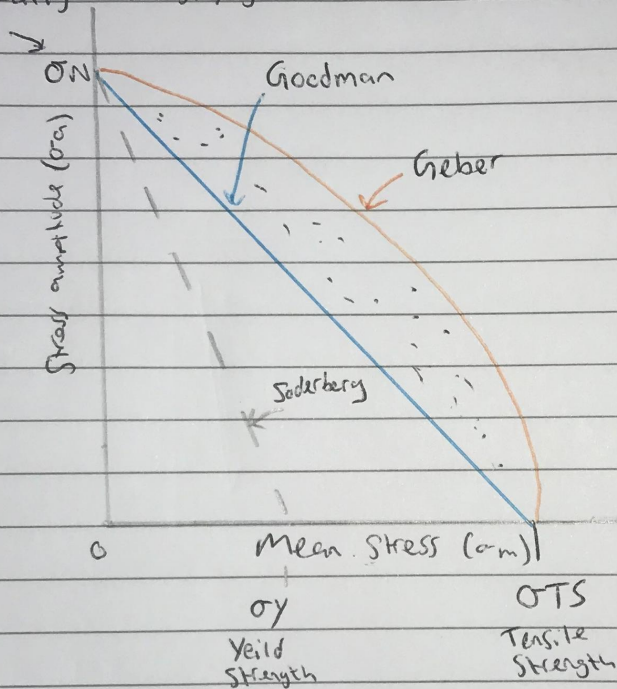


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2pm

5/2/21

- e) as stress amplitude increases the less mean stress
 If component tested with higher mean stress stress amplitude must be reduced to see a similar fatigue life.
 Fatigue Strength/cycles under zero



Gerber is the most optimistic of theories as it includes the most stress amplitude and mean stress

Goodman is realistic as the theory goes beyond Yield Strength.

Soderberg is most safe due to taking Factor of Safety into consideration