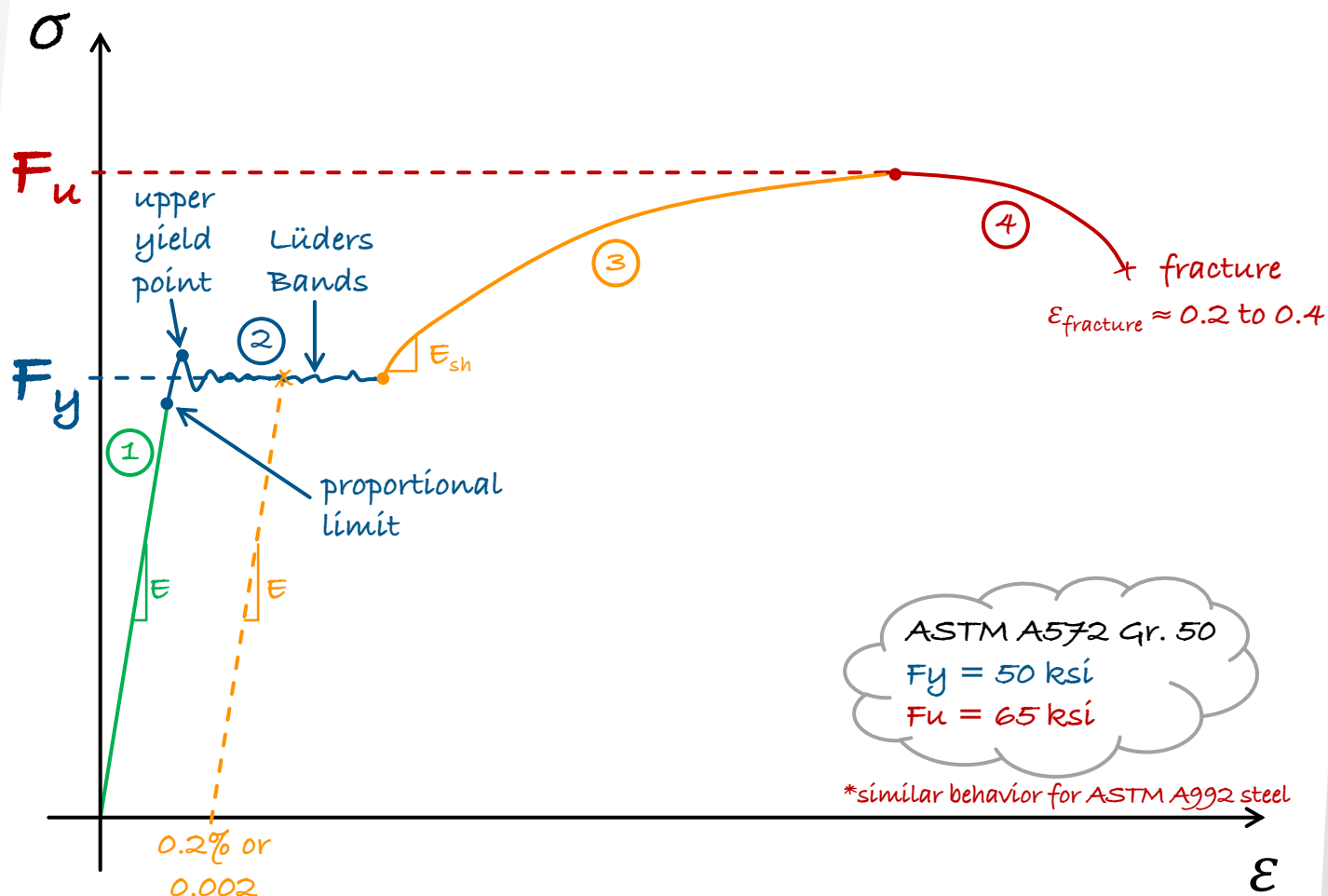


STEEL: STRESS VS STRAIN CURVE



1. Linear Elastic Range; $E = 29,000 \text{ ksi}$
2. Yield Plateau
3. Strain Hardening; $E_{sh} \approx 1/30$ to $1/100 E$ (1 to 3% of E)
4. Necking



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