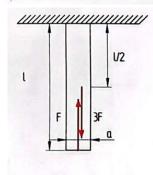
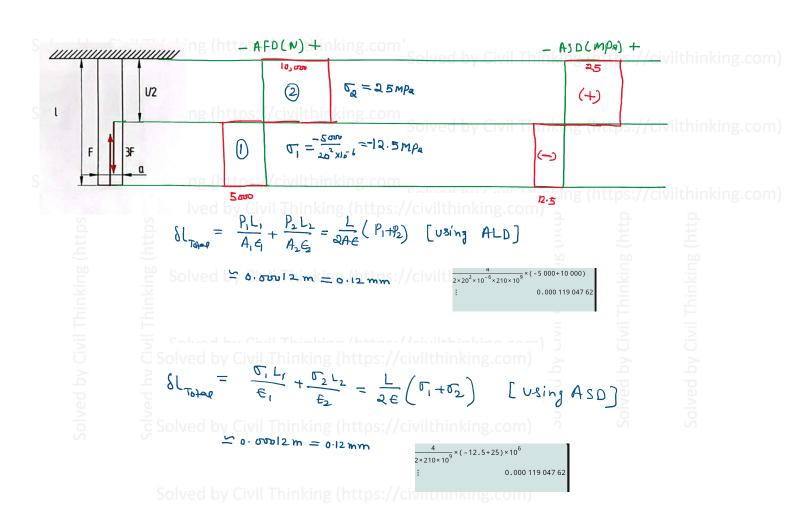
Solid Mechanics: Axial Load Diagram, Axial Stress Diagram: Problem 3 solution

Draw a graph of tensile or compressive forces and stresses and calculate the total deformation of a square steel bar with the given data I=4m b=20mm F=5000N and E=210 GPa for the following cases:





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