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mechanics of materials i ??? 3m 1 1 ????? 9m 1 2 ?????????? 10m 1 3 ?????????? i 20m 1 4 ?????????? ii 8m 1 5 ????? 13m 1 6 ?????????? 15m week 1 ????? 3m web all problems in mechanics of materials can be approached using the same basic four principles these principles are free body diagram if a part is separated or isolated from a body ie sectioned or surroundings ie boundary conditions appropriate reactions and or internal forces must be added equilibrium of forces

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