



QUIZ 1

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Ad, Soyad: _____
No: _____

Problem: The shaft is supported at its ends by two bearings A and B. The shaft is also subjected to the forces applied to the pulleys fixed to the shaft. Determine the resultant internal loadings acting on the cross section located at point C. The 300N forces act in the $-z$ direction and the 500N forces act in the $+x$ direction. The journal bearings at A and B exert only x and z components of force on the shaft.

