27 January 2017   Ad, Soyad: _____
Prof. Dr. M. Ali Güler   No:

Problem: Determine the largest load **P** that can be applied to the frame without causing either the average normal stress or the average shear stress at section *a–a* to exceed $\sigma = 70\ \text{MPa}$ and $\tau = 100\ \text{MPa}$ respectively. Area of crossection *a-a* is 1.5 meter-square.