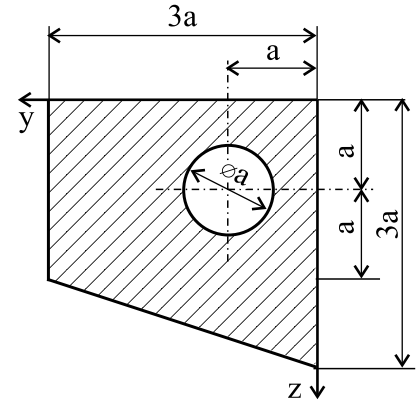

Problem 110

Calculate the second moments of the section to the y and z axes, the position of the principal coordinate system, principal second moments to the axes intersecting each other in the origin of the coordinate system defined in the figure.

Check the results using a graphical solution.

Input values: $a = 2\text{ m}$.



characteristics of the cross section