TABLE 1

In this table centers of gravity, center moments of inertia J_{xc} , J_{yc} , for some cases edge moments of inertia J_x , J_y and center products of inertia are given D_{xcyc} . For each case m is a mass of the figure and c is a center of gravity.

T.1	y y_c m c c x_c 0 $b/2$	$J_{x_c} = \frac{ma^2}{12}$ $J_{y_c} = \frac{mb^2}{12}$ $J_x = \frac{ma^2}{3}$ $J_y = \frac{mb^2}{3}$ $D_{xy} = \frac{mab}{4}$ $D_{x_cy_c} = 0$	T.2	$ \begin{array}{c c} y \\ y \\ y_c \\ x_c \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ $	$J_{x_c} = \frac{ma^2}{18}$ $J_{y_c} = \frac{mb^2}{18}$ $J_x = \frac{ma^2}{6}$ $J_y = \frac{mb^2}{6}$ $D_{xy} = \frac{mab}{12}$ $D_{x_cy_c} = -\frac{mab}{36}$
Т.3		$J_{x_c} = \frac{mr^2}{4}$ $J_{y_c} = \frac{mr^2}{4}$ $D_{x_cy_c} = 0$	T.4	$\begin{array}{c} y \\ \hline y_c \\ \hline b/2 \\ \hline b \\ \hline \end{array} \begin{array}{c} y_c \\ \hline x_c \\ \hline x_c \end{array}$	$J_{x_c} = 0$ $J_{y_c} = \frac{mb^2}{12}$ $J_y = \frac{mb^2}{3}$ $D_{x_cy_c} = 0$
T.5	$\begin{array}{c} y y_c \\ \frac{4r}{3\pi}, \\ 0 c \\ r \\ \end{array}$	$J_{x} = J_{x_{c}} = \frac{mr^{2}}{4}$ $J_{y} = \frac{mr^{2}}{4}$ $D_{xy} = 0$ $J_{y_{c}} = mr^{2}(\frac{1}{4} - \frac{16}{9\Pi^{2}})$	T.6	$\begin{array}{c} y y_c \\ \hline r \\ \hline r \\ \hline \\ \psi \\ 0 \\ \hline \\ 4r \\ 3\pi \end{array}$	$J_{x} = \frac{mr^{2}}{4}$ $J_{y} = \frac{mr^{2}}{4}$ $D_{xy} = \frac{mr^{2}}{2\pi}$ $J_{yc} = mr^{2}(\frac{1}{4} - \frac{16}{9\Pi^{2}})$