

DATE DATE
ii) Similarly, Moment about y-axis (Iy)
Ty Dy = Ma2
iii) Moment
about organ
= M. I (x-axis) + M. I. (y-axis)
M / 9 9
$= \frac{M}{y} \left(a^2 + b^2 \right).$
Perpendicular Axis Theorem: The MoI of a planar lamina about an axis perpendicular to the plane of the lamina is equal to the sum of the moments of mertia of the lamina about the two axes at night angles to each offer in its
planas lamina about an axis backs liveles
to the plane of the family of
to the sum of the mount to
of the lamina about 10 a 420
at night angles to pack the axel
at right angles to each other, in its own plane intersecting each other at the point where the perpendicular axis passes through its.
at the point where the other
axis basses through it is perpendicular