

COMPOSITE BODIES

MOMENT OF INERTIA OF A COMPOSITE BODY ABOUT AN AXIS IS THE ALGEBRAIC SUM OF THE MOI'S OF THE COMPONENTS ABOUT THAT AXIS (PARTS)

PARALLEL AXIS THEOREM USEFUL.

$$I = \sum (I_G + md^2) \quad \text{for composite body}$$

ALSO, YOU CAN SUBTRACT BODIES

e.g. CYLINDER WITH EMBEDDED SPHERICAL CAVITY,

OR HOLLOW TUBE.

SUBTRACT M.O.I. of "MISSING" BITS

