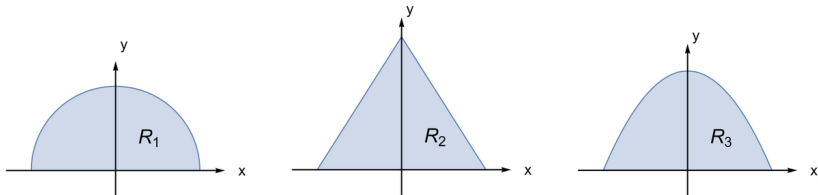


Applications of Double Integrals



Question

The regions R_j shown all have the same area. Rank the moments I_j of inertia about the x -axis.



- A. $I_2 < I_1 < I_3$ B. $I_2 > I_1 > I_3$
C. $I_1 = I_2 = I_3$ D. $I_1 < I_2 < I_3$