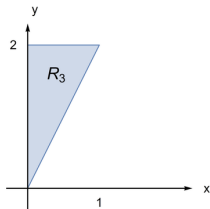
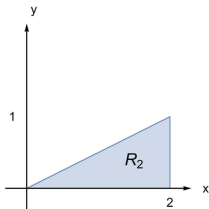
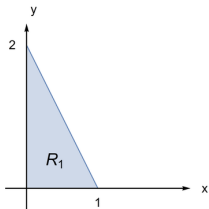


Applications of Double Integrals



Question

Rank the moments of inertia I_j about the x -axis for the three orientations R_j of a triangular steel plate shown.



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