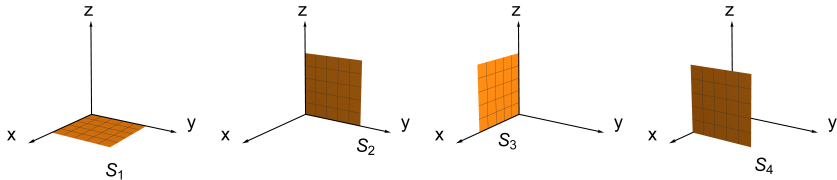


Surface Integrals



Question

The figures show four congruent squares S_i in space. Rank the surface integrals $I_j = \iint_{S_i} x \, dS$.



- A. $I_1 < I_2 = I_3 < I_4$
- B. $I_2 < I_1 < I_3 < I_4$
- C. $I_2 < I_1 = I_3 < I_4$
- D. $I_3 < I_1 = I_2 = I_4$