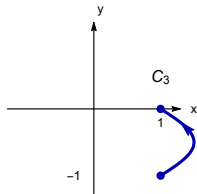
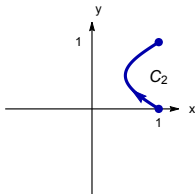
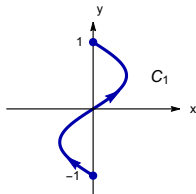


Line Integrals

Question

Rank the integrals $I_j = \int_{C_j} x \, ds$ over the three curves shown.



- A. $I_3 < I_2 < I_1$
- B. $I_3 = I_2 < I_1$
- C. $I_3 < I_1 < I_2$
- D. $I_1 < I_2 < I_3$
- E. There is not enough information.