

Double Integrals over General Regions



Question

Which of these iterated integrals computes the area of the region shown?

- A. $\int_0^4 \int_0^{\sqrt{x}} 1 \, dydx$
- B. $\int_0^4 \int_0^2 (1 - \sqrt{x}) \, dydx$
- C. $\int_0^2 \int_0^{\sqrt{x}} 1 \, dx dy$
- D. $\int_0^2 \int_0^{y^2} 1 \, dx dy$

