

Iterated Integrals



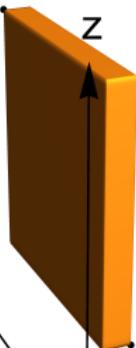
Question

A rectangular solid S with sides parallel to the coordinate planes is shown in the figure. Which of the following iterated integrals definitely does NOT compute the volume of S ?

A. $\int_1^9 \int_1^2 9 \, dxdy$

(1,9,12)

B. $\int_3^{12} \int_1^9 1 \, dydz$



C. $\int_1^9 \int_1^2 9 \, dydx$

y

D. $\int_1^9 \int_3^{12} 1 \, dzdy$

(2,1,3)