

7–24. Iterated integrals Evaluate the following iterated integrals.

13. $\int_1^4 \int_0^4 \sqrt{uv} \, du \, dv$

15. $\int_1^{\ln 5} \int_0^{\ln 3} e^{x+y} \, dx \, dy$

17. $\int_0^1 \int_0^1 t^2 e^{st} \, ds \, dt$

Iterated Integrals And Homotopy Periods

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