

Prøveeksamen opgave 7

Udregn planintegralet

$$\int_0^1 \int_0^1 xy \, dx \, dy = \frac{1}{\square}$$

— Prøveksamenssæt

Udregn

$$\begin{aligned} & \int_0^1 \left[\frac{1}{2} x^2 y \right]_0^1 dy \\ & \int_0^1 \frac{1}{2} y \, dy \\ & \left[\frac{1}{4} y^2 \right]_0^1 \\ & \frac{1}{4} \end{aligned}$$