

1. Compute the Jacobian of the transformation

$$\begin{matrix} s & r \\ 1 & 1 \end{matrix}$$

Evaluate the determinant

$S-r$

2. Calculate

$x=u+v$

$y=v^2$

Determinant= $2v-1$

$\text{Int}(\text{Int}(2v^3-v^2, v=1..2), u=0..6)$

Take int of  $v$

$\text{Int}(31/6, u=0..6)$

Take int of  $u$

31