

Substitutionsverfahren

Arbeitsblatt – Lösungen

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|----------|-------------------|----------------------|---|--|
| 1 | a) $\frac{1}{52}$ | b) $-\frac{3724}{2}$ | c) $\frac{(2u+3)^3}{6}$ | d) $\frac{(4\varphi-3)^3}{612}$ |
| 2 | a) 0,424 | b) 9,973 | c) $1,25 \cdot \ln(2u-1)$ | d) $-\frac{1}{2(2\varphi+3)}$ |
| 3 | a) 0,047 | b) 2 | c) $2 \cdot \cos\left(\frac{u}{2}\right)$ | d) $\frac{2}{3} \sin\left(\frac{3\varphi}{2}\right)$ |
| 4 | a) 2700 | b) 0,0089 | c) $e^{\varphi+1}$ | d) $\frac{1}{2} e^{2u+3}$ |