Name Sruppe 18 Klasse Datum HA11 Seite / Christian Vassemenn November Abgabe bis: 26.6.2018 Blatt 1) $\frac{1(x_1, x_2)}{(x_1, x_2)} = \frac{(s_1, (x_1) - x_2)^2 + (e^{-x_2} - x_1)^2}{(s_1, (x_1))^2 - 2x_2 \cdot s_1 \cdot (x_1) + x_2^2 + e^{-2x_2} - 2x_1 \cdot e^{-x_2} + x_1^2}$ $\int_{0}^{1} (x_{1}, x_{2}) = \left(-2 \sin(x_{1}) + 2x_{2} - 2 e^{-2x_{2}} + 2x_{1} e^{-2x_{2}} + 2x_{2} e^{-2x_{2}} + 2x_{3} e^{-2x_{2}} \right)$ $\int_{-2}^{2} \frac{1}{\sin^{2}(x_{1})} + 2 \cos^{2}(x_{1}) + 2 x_{2} \sin(x_{1}) + 2 - 2 \cos(x_{1}) + 2 e^{-x_{2}}$ $\int_{-2}^{2} \frac{1}{(x_{1}, x_{2})} = \left(-2 \cos(x_{1}) + 2 e^{-x_{2}} + 2 + 2 e^{-x_{2}}$

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