

# 11. Integrals of Bessel Functions

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$$\left. \begin{array}{l} \int_0^x J_0(t)dt, \int_0^x Y_0(t)dt, 10D \\ e^{-x} \int_0^x I_0(t)dt, e^x \int_x^\infty K_0(t)dt, 7D \end{array} \right\} x=0(.1)10$$

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$$\left. \begin{array}{l} \int_0^x \frac{[1-J_0(t)]dt}{t}, \int_x^\infty \frac{Y_0(t)dt}{t}, 8D \\ e^{-x} \int_0^x \frac{[I_0(t)-1]dt}{t}, 8D; xe^x \int_x^\infty \frac{K_0(t)dt}{t}, 6D \end{array} \right\} x=0(.1)5$$

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