

12. Struve Functions and Related Functions

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Table 12.1. Struve Functions ($0 \leq x \leq \infty$)	501
$\mathbf{H}_0(x), \mathbf{H}_1(x), \int_0^x \mathbf{H}_0(t)dt, I_0(x) - \mathbf{L}_0(x), I_1(x) - \mathbf{L}_1(x), \int_0^x [I_0(t) - \mathbf{L}_0(t)]dt$ $(2/\pi) \int_x^\infty t^{-1} \mathbf{H}_0(t)dt, x=0(.1)5, 5D \text{ to } 7D$	
Table 12.2. Struve Functions for Large Arguments	502
$\mathbf{H}_0(x) - Y_0(x), \mathbf{H}_1(x) - Y_1(x), \int_0^x [\mathbf{H}_0(t) - Y_0(t)]dt - (2/\pi) \ln x$ $I_0(x) - \mathbf{L}_0(x), I_1(x) - \mathbf{L}_1(x), \int_0^x [\mathbf{L}_0(t) - I_0(t)]dt - (2/\pi) \ln x$ $\int_x^\infty [\mathbf{H}_0(t) - Y_0(t)]t^{-1}dt, x^{-1}=.2(-.01)0, 6D$	

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