

	Page
<b>Table 9.3.</b> Bessel Functions—Orders 10, 11, 20, and 21 ( $0 \leq x \leq 20$ ) . . .	402
$x^{-10}J_{10}(x), x^{-11}J_{11}(x), x^{10}Y_{10}(x)$ $x=0(.1)10, 8S$ or $9S$ $J_{10}(x), J_{11}(x), Y_{10}(x)$ $x=10(.1)20, 8D$ $x^{-20}J_{20}(x), x^{-21}J_{21}(x), x^{20}Y_{20}(x)$ $x=0(.1)20, 6S$ or $7S$	
Bessel Functions—Modulus and Phase of Orders 10,11,20, and 21 ( $20 \leq x \leq \infty$ ). . . . .	406
$x^{\frac{1}{2}}M_n(x), \theta_n(x) - x$ $n=10, 11, 8D$ $n=20, 21, 6D$ $x^{-1}=.05(-.002)0$	
<b>Table 9.4.</b> Bessel Functions—Various Orders ( $0 \leq n \leq 100$ ). . . . .	407
$J_n(x), Y_n(x), n=0(1)20(10)50, 100$ $x=1, 2, 5, 10, 50, 100, 10S$	
<b>Table 9.5.</b> Zeros and Associated Values of Bessel Functions and Their Derivatives ( $0 \leq n \leq 8, 1 \leq s \leq 20$ ). . . . .	409
$j_{n,s}, J'_n(j_{n,s}); j'_{n,s}, J_n(j'_{n,s}), 5D$ (10D for $n=0$ ) $y_{n,s}, Y'_n(y_{n,s}); y'_{n,s}, Y_n(y'_{n,s}), 5D$ (8D for $n=0$ ) $s=1(1)20, n=0(1)8$	
<b>Table 9.6.</b> Bessel Functions $J_0(j_{0,s}x), s=1(1)5$ . . . . .	413
$x=0(.02)1, 5D$	
<b>Table 9.7.</b> Bessel Functions—Miscellaneous Zeros ( $s=1(1)5$ ) . . . . .	414
$sth$ zero of $x J_1(x) - \lambda J_0(x)$ $\lambda, \lambda^{-1}=0(.02) .1, .2(.2)1, 4D$ $sth$ zero of $J_1(x) - \lambda x J_0(x)$ $\lambda=.5(.1)1, \lambda^{-1}=1(-.2).2, .1(-.02)0, 4D$ $sth$ zero of $J_0(x) Y_0(\lambda x) - Y_0(x) J_0(\lambda x)$ $\lambda^{-1}=.8(-.2) .2, .1(-.02)0, 5D$ (8D for $s=1$ ) $sth$ zero of $J_1(x) Y_1(\lambda x) - Y_1(x) J_1(\lambda x)$ $\lambda^{-1}=.8(-.2) .2, .1(-.02)0, 5D$ (8D for $s=1$ ) $sth$ zero of $J_1(x) Y_0(\lambda x) - Y_1(x) J_0(\lambda x)$ $\lambda^{-1}=.8(-.2) .2, .1(-.02)0, 5D$ (8D for $s=1$ )	
<b>Table 9.8.</b> Modified Bessel Functions of Orders 0, 1, and 2 ( $0 \leq x \leq 20$ ) . . . . .	416
$e^{-x}I_0(x), e^x K_0(x), e^{-x}I_1(x), e^x K_1(x)$ $x=0(.1)10 (.2)20, 10D$ or $10S$ $x^{-2}I_2(x), x^2 K_2(x)$ $x=0(.1)5, 10D, 9D$ $e^{-x}I_2(x), e^x K_2(x)$ $x=5(.1)10 (.2)20, 9D, 8D$	
Modified Bessel Functions—Auxiliary Table for Large Arguments ( $20 \leq x \leq \infty$ ). . . . .	422
$x^{\frac{1}{2}}e^{-x}I_n(x), \pi^{-1}x^{\frac{1}{2}}e^x K_n(x), n=0, 1, 2$ $x^{-1}=.05(-.002)0, 8-9D$	
Modified Bessel Functions—Auxiliary Table for Small Arguments ( $0 \leq x \leq 2$ ). . . . .	422
$K_0(x) + I_0(x) \ln x, x\{K_1(x) - I_1(x) \ln x\}$ $x=0(.1)2, 8D$	