

14. Coulomb Wave Functions

MILTON ABRAMOWITZ¹

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Table 14.1. Coulomb Wave Functions of Order Zero ($.5 \leq \eta \leq 20$, $1 \leq \rho \leq 20$)	546
$F_0(\eta, \rho), \quad \frac{d}{d\rho} F_0(\eta, \rho), \quad G_0(\eta, \rho), \quad \frac{d}{d\rho} G_0(\eta, \rho)$ $\eta = .5(.5)20, \quad \rho = 1(1)20, \quad 5S$	
Table 14.2. $C_0(\eta) = e^{-i\pi\eta} \Gamma(1+i\eta) $	554
$\eta = 0(.05)3, \quad 6S$	

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