

FIGURE 9.1. $J_0(x)$, $Y_0(x)$, $J_1(x)$, $Y_1(x)$.

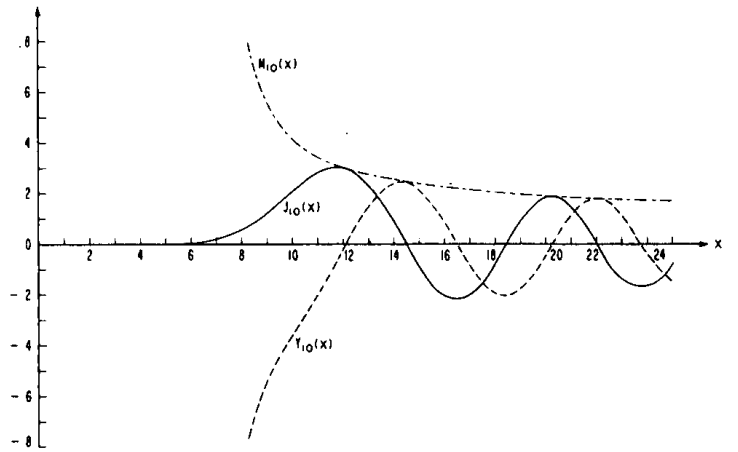


FIGURE 9.2. $J_{10}(x)$, $Y_{10}(x)$, and $M_{10}(x) = \sqrt{J_{10}^2(x) + Y_{10}^2(x)}$.

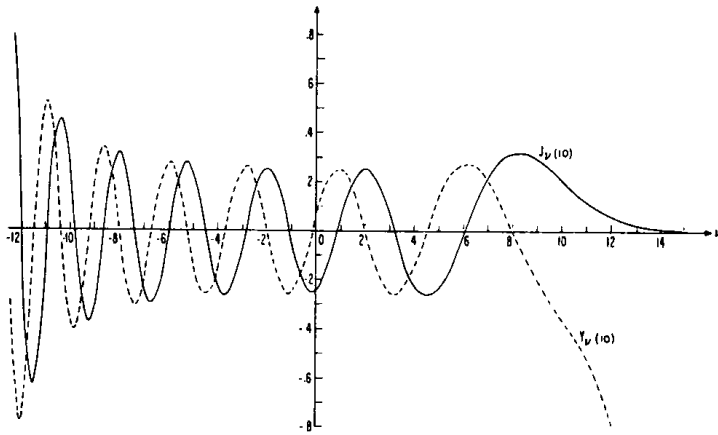


FIGURE 9.3. $J_v(10)$ and $Y_v(10)$.

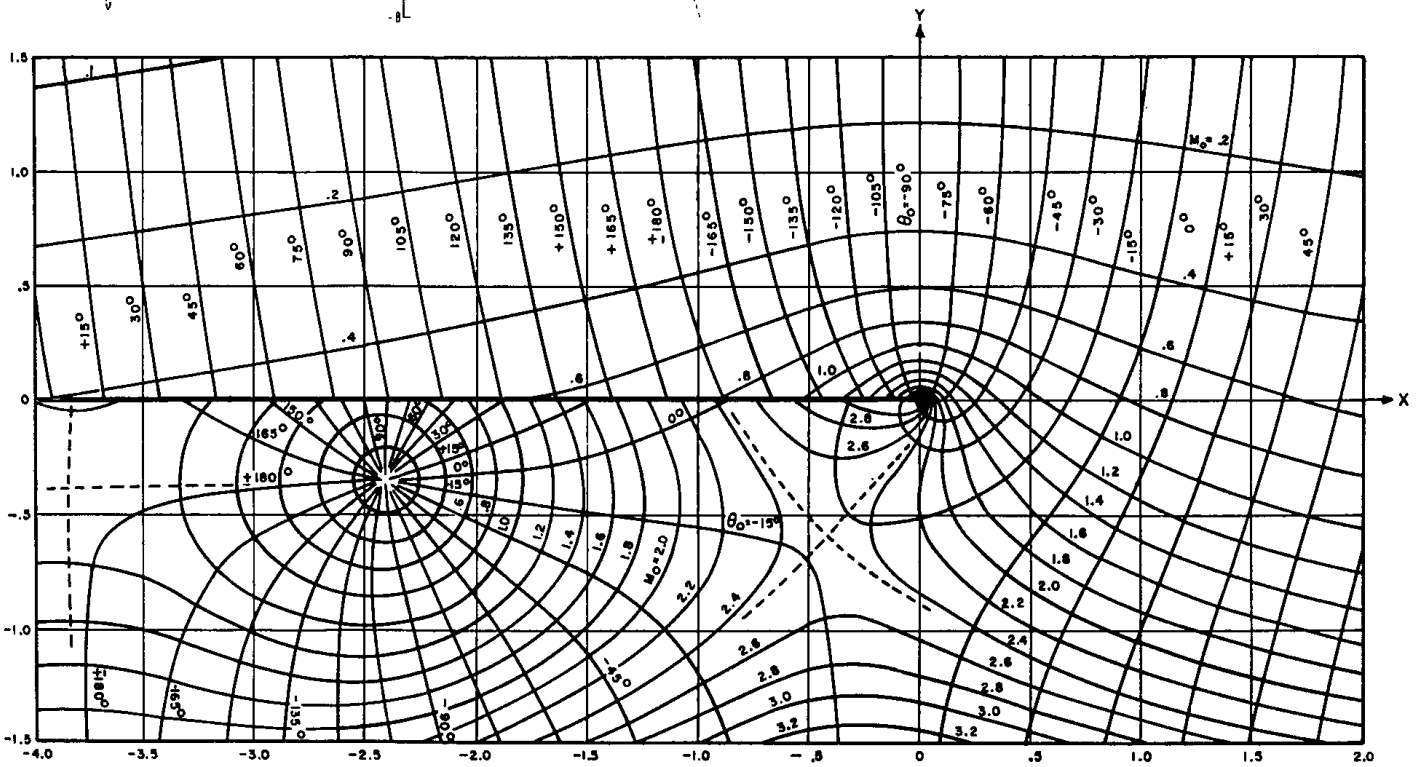


FIGURE 9.4. Contour lines of the modulus and phase of the Hankel Function $H_0^{(1)}(x+iy) = M_0 e^{i\theta_0}$. From E. Jahnke, F. Emde, and F. Lösch, Tables of higher functions, McGraw-Hill Book Co., Inc., New York, N.Y., 1960 (with permission).