EllipticPi

EllipticPi[n, m] gives the complete elliptic integral of the third kind \( \Pi(n|m) \).

EllipticPi[n, phi, m] gives the incomplete elliptic integral \( \Pi(n; \phi|m) \).

Mathematical function (see Section ??).

\[ \Pi(n; \phi|m) = \int_0^\phi (1 - n \sin^2(\theta))^{-1/2} [1 - \sin^2(\phi) \sin^2(\theta)]^{-1/2} \, d\theta. \]

\[ \Pi(n|m) = \Pi(n; \frac{\pi}{2}|m). \]

See page 374.