EllipticF

EllipticF[\(\phi\), \(m\)] gives the elliptic integral of the first kind \(F(\phi|m)\).

Mathematical function (see Section ??). \(F(\phi|m) = \int_0^\phi (1 - m \sin^2(\theta))^\frac{-1}{2} d\theta\). The complete elliptic integral associated with EllipticF is EllipticK. See page ?? for a discussion of argument conventions for elliptic integrals. See page 374.