

Mumford, David

Tata lectures on theta. I: Introduction and motivation: Theta functions in one variable. Basic results on theta functions in several variables. With the assistance of C. Musili, M. Nori, E. Previato, and M. Stillman. (English) [Zbl 0509.14049](#)
Progress in Mathematics, Vol. 28. Boston - Basel - Stuttgart: Birkhäuser. XIII, 235 p. SFr. 54.00 (1983).

For a scan of this review see the [web version](#).

MSC:

- [14K25](#) Theta functions and abelian varieties
- [11F11](#) Holomorphic modular forms of integral weight
- [33E05](#) Elliptic functions and integrals
- [14-02](#) Research exposition (monographs, survey articles) pertaining to algebraic geometry
- [14K10](#) Algebraic moduli of abelian varieties, classification
- [14H10](#) Families, moduli of curves (algebraic)
- [14K30](#) Picard schemes, higher Jacobians

Cited in **13** Reviews
Cited in **361** Documents

Keywords:

[theta functions](#); [modular forms](#); [Dirichlet series](#); [Jacobian](#)

Full Text: [DOI](#)