



Modulkurven, modulare Symbole, Modulformen, Modularität , WS 09/10.

Vortragsthemen:

- Modulkurven (B. Göbel)
- Modulare Symbole & Anwendung (H. Bachmann)
- Modulformen, Eigenformen, Neufornen (A. Moldenhauer)
- Modularität, Eichler-Shimura (M. Bargmann)

Literatur:

- G. Shimura: Introduction to Arithmetic Theory of Automorphic Functions
- G. Wiese: Modulformen II
- W. Stein: Computing modular forms
- W. Knapp: Elliptic curves
- B. Conrad: Modular Forms and the Ramanujan Conjecture, lecture notes
- H. Darmon, F. Diamond, R. Taylor, Fermat's Last Theorem, Current Developments in Mathematics, 1995, International Press, Cambridge, Massachusetts , 1995.