

Literatur zur Vorlesung "Theoretische Oberflächenphysik"

Theoretische Oberflächenphysik

- 1) F. Bechstedt, *Principles of Surface Physics*, Springer (Berlin 2003)
- 2) A. Groß, *Theoretical Surface Science*, Springer (Berlin 2003)
- 3) M.C. Desjonqueres and D. Spanjaard, *Concepts in Surface Physics*, Springer (Berlin 1996)
- 4) M. Lannoo, P. Friedel, *Atomic and Electronic Structure of Surfaces - Theoretical Foundations*, Springer, (Berlin 1991)
- 5) S.G. Davison and M. Steslicka, *Basic Theory of Surface States*, Oxford Science Publications (Oxford 1992)
- 6) K. Horn, M. Scheffler (Editors), *Handbook of Surface Science, Volume 2 : Electronic Structure*, Elsevier (Amsterdam 2000)

Oberflächenphysik, allgemein

- 7) H. Lüth *Solid Surface, Interfaces, and Thin Films*, Springer, (Berlin, 2015)
- 8) A. Zangwill, *Physics at Surfaces*, Cambridge University Press (Cambridge 1988)
- 9) K. Oura, V.G. Lifshits, A.A. Saranin, A. V. Zotov, and M. Katayama, *Surface Science*, Springer (Berlin 2003)

Theoretische Festkörperphysik

- 10) R. Martin, *Electronic Structure*, Cambridge University Press (Cambridge 2004)
- 11) W. Nolting, *Grundkurs Theoretische Physik 7, Viel-Teilchen-Theorie*, Springer (Berlin 2007)

Magnetismus

- 12) J.M.D. Coey, *Magnetism and Magnetic Materials*, Cambridge University Press, Cambridge 2010)
- 13) M. G. Cottam and D.R. Tilley, *Introduction to surface and superlattice excitations*, Cambridge University Press (Cambridge 1989)
- 14) U. Rössler, *Solid State Theory*, Springer, (Berlin 2009)
- 15) R. M. White, *Quantum Theory of Magnetism*, McGraw-Hill, (New York, 1970)
- 16) P. W. Anderson, *Theory of exchange in insulators*, in *Solid State Physics* 14, 99 (1963)
- 17) J.A.C. Bland and B. Heinrich (Eds.), *Ultrathin Magnetic Structures I*, Springer , (Berlin 1994)
- 18) Hung T. Diep, *Theory of Magnetism*, World Scientific, (Singapore 2014)