

Atmospheric chemistry II lecture course

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1. Course materials accessible

http://www.ak-hoffmann.chemie.uni-mainz.de/at_chem_e.htm

2. Recommended textbooks

Atmospheric chemistry:

Finlayson-Pitts BJ, Pitts JN: Chemistry of the upper and lower atmosphere, San Diego (Academic Press), 2nd ed., 1998

Jacobson MZ: Atmospheric pollution: History, science, and regulation, Cambridge/UK (Cambridge University Press), 2002, 399 pp.

Warneck P: Chemistry of the natural atmosphere (International Geophysics Vol. 71), San Diego (Academic Press), 2nd ed., 2000

Chemical kinetics:

Barrow GM: Physical chemistry, New York (McGraw-Hill), 6th ed., 1996

Aerosols:

Seinfeld JH, Pandis SN: Atmospheric chemistry and physics - from air pollution to climate change, Weinheim/Germany (Wiley-VCH), 2nd ed., 2006

Multicompartmental chemistry:

Klöpffer W: Verhalten und Abbau von Umweltchemikalien, Landsberg (Ecomed), Germany 1996

Schwartzenbach RP, Gschwend PM, Imboden DM: Environmental organic chemistry, New York (Wiley), 2nd ed., 2002

3. References made in the lecture course II

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