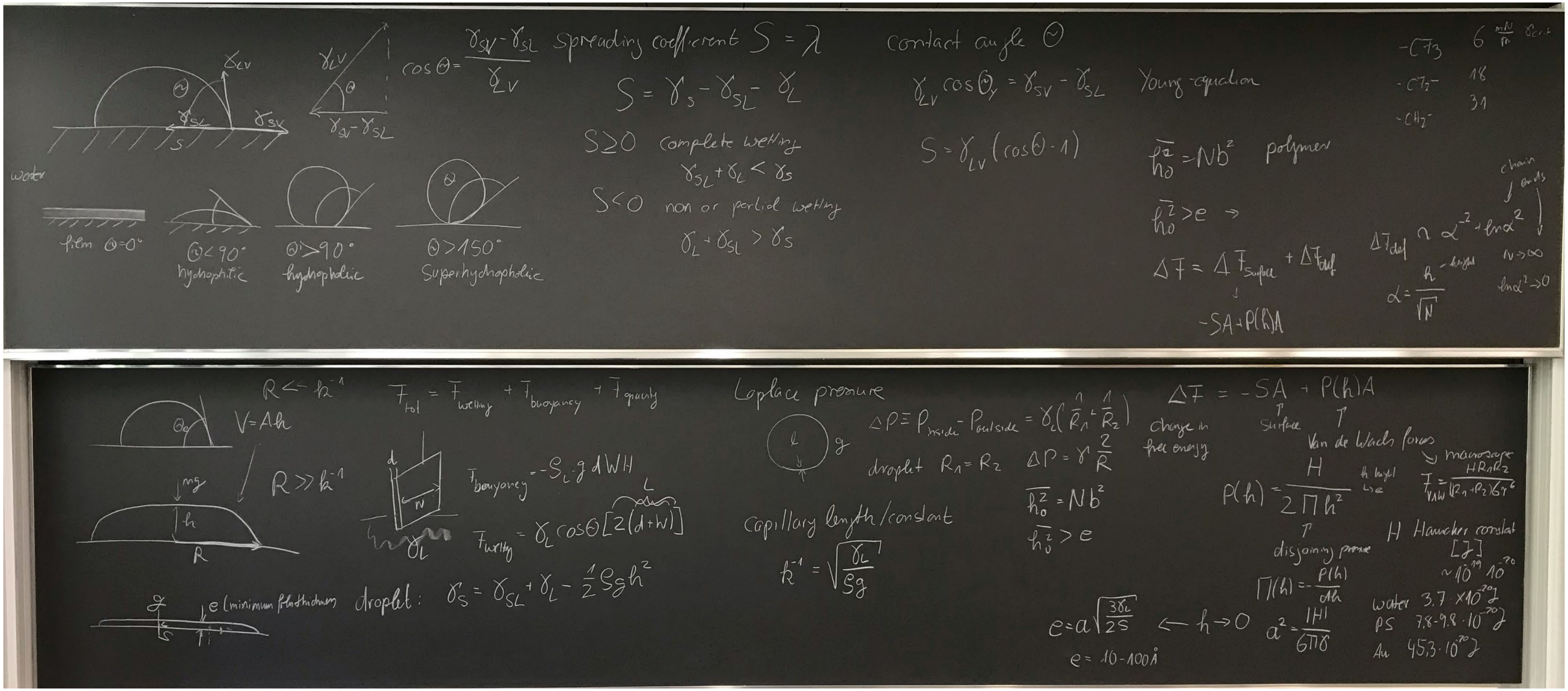
Course 14 – wetting/dewetting – contact angle



Disjoining pressure Π: difference between the thermodynamic equilibrium state pressure applied to surfaces separarted by a film and the pressure in the bulk phase with which the film is in equilibrium.

Reference of critical surface tension: E.G. Shafrin, W.A. Zisman; J. Phys. Chem. 64, 1960, 519.

Wenzel model