

H. Luth, Chapter 3 Problems:

1. Problem 3.2 (4th edition, p. 145)
2. Problem 3.3 (4th edition, p. 145)
3. Consider a 2-dimensional island nucleation. Using the capillary model, write down the equation for the free enthalpy for a circular island. Compute the critical cluster size and the free enthalpy at the critical cluster size. Then compare your answers with those given in Luth, on page 106.