

Name:

Homework for Lecture 22-24

Also need looking back Lecture 19-20

Discuss the similarities and differences of eutectoid transformation (austenite \rightarrow ferrite + cementite) and spinodal decomposition regarding the following aspects:

- (1) Why is the microstructure resulted from eutectoid transformation or from spinodal decomposition very uniform?
- (2) What is the difference in diffusion for the two transformations and how does each transformation stop?