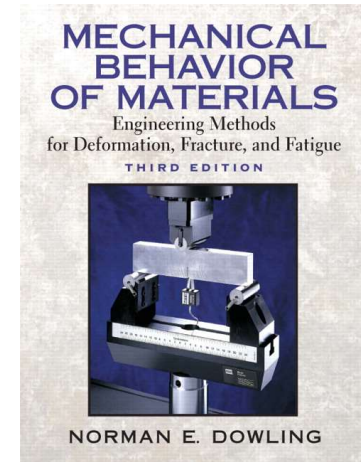


Course reading material – Week 47

Course book

Mechanical Behavior of Materials Engineering Methods for Deformation, Fracture, and Fatigue, Norman E. Dowling

- Section: 8.1.- 8.8., 11



Optional reading material given in MyCourses webpages

- A.A. Griffith. 1921. The Phenomena of Rupture and Flow in Solids.
- Gallo, P. (2019), On the Crack-Tip Region Stress Field in Molecular Systems: The Case of Ideal Brittle Fracture. Adv. Theory Simul., 2: 1900146.
- Y. Murakami, K.J. Miller, What is fatigue damage? A viewpoint from the observation of low cycle fatigue process, International Journal of Fatigue, 2005, 27:991-1005.
- P.C. Paris, M. Gomez, W. Anderson, A rationale Theory of Fatigue, The trend in Engineering, 1961, 13:9-14.