Last Updated: October 10, 2019 at 1:45pm

Name:

Final Project Abstract

Due 24 Oct 2019

Choose a real life object which undergoes crack extension (can be anything, including work you find in the literature). In 1-2 pages, give a brief overview of how this project will sufficiently satisfy the requirements for the final project. Projects will be graded on the following rubric

- Project abstract - 5% (due 24 Oct 2019)
- Stress intensity and strain energy release rate analysis - 20%
- Crack propagation justification - 20%
- Crack propagation model - 25%
- Conclusions - 15%
- General presentation, organization, and grammar - 15%

The purpose of this abstract is to get you thinking about your final project before it is too late, and to ensure that you do not spend effort on a project which does not have features needed to satisfy this. Take some time to think about your chosen object, some of the basic assumptions you will need to make, and if you will be able to demonstrate a thorough understanding of course material using it in your final project.