

Name:

Homework 5

Due 17 October 2019

1. Calculate the strain energy release rate of the DCB loaded as shown using both the compliance method ($G = \partial W_s / \partial a$) and the J-Integral method (assume the thickness is 1).

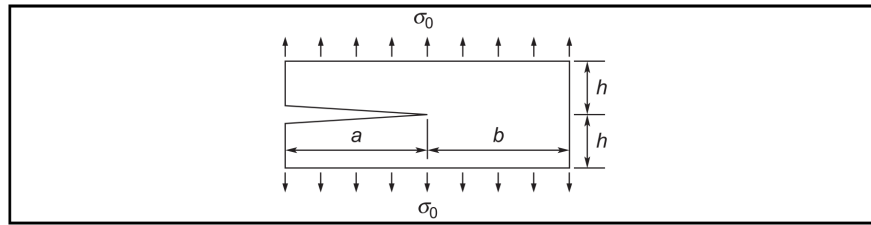


Figure 1: Figure for Problem 1