

Eighth Mississippi State - UAB Conference on Differential Equations Computational Simulations, May 7–9, 2009, Department of Mathematics and Statistics, Mississippi State University, Mississippi State, MS, USA

Coauthors: Dr. Janos Turi

DYNAMIC CONTACT PROBLEMS

JIGARKUMAR PATEL

In this presentation we study finite element analysis of Dynamic Contact Problems. We describe a computational framework to approximate contact problems. As an application influence of the crack on the dynamic of a cantilever beam is investigated. We compare frequencies of ideal beam and beam with crack during vibrations.

2600 WATERVIEW PKWY, APT 3926, RICHARDSON, TEXAS-75080
E-mail address: `jigar-jcp1@yahoo.com`