

Solid Mechanics in Brazil 2007

EDITED BY

M. ALVES

University of São Paulo

H.S. DA COSTA MATTOS

Federal University of Rio de Janeiro

This book contains articles presented at the International Symposium on Solid Mechanics, held at the University of São Paulo, in São Paulo, Brazil, 5-7 March 2007. This is the first Brazilian conference fully dedicated to this branch of the engineering science.

The book features articles on many topics, ranging from meshless methods, fatigue, failure, composite materials, structural impact, corrosion and optimisation.

It is believed that the forty chapters herein are a good sample of what is being investigated in this field by engineers and scientists working in Brazilian universities and research institutes.

The book is a valuable source of technical information and it is hoped that it can assist and inspire the investigator working in Solid Mechanics.

**Brazilian Society of
Mechanical Sciences and Engineering
ABCM - Symposium Series**

ISBN 978-85-85769-30-7



EDITORS

M. ALVES
H.S. DA COSTA MATTOS

Solid Mechanics in Brazil 2007

Solid Mechanics in Brazil

2007

EDITED BY
M. ALVES

H.S. DA COSTA MATTOS

