



Professor Suresh Shrivastava

See:

<http://www.mcgill.ca/civil/people/shrivastava>

Civil Engineering
McGill University, Canada

Education:

BSc Eng (Vikram)
MCE (Delaware)
Eng ScD (Columbia)

General Information:

Professor Shrivastava's specialty is solid mechanics with reference to large-deformation behaviour of structures and materials.

Research Interests:

Buckling of Plates and Shells; Large Deformation of Membranes; Orthopaedic Biomechanics related to knee joint replacements and scoliosis of spine; Large Deformation Plasticity of Metals

Courses Taught:

CIVE 460 Matrix Structural Analysis
CIVE 514 Structural Mechanics

Selected Publications:

Shrivastava, S. (1995) "Inelastic buckling of rectangular sandwich plates", International Journal of Solids and Structures, Vol. 32, pp. 1099-1120.

Shrivastava, S. and Tang, J. "Large deformation finite element analysis of nonlinear viscoelastic membranes with reference to thermoforming", Journal of Strain Analysis, Vol. 28, No. 1, pp. 31-51.