

Title:

Implicit calculations and Multiplicative Elastoplasticity

Organizers:

Yuki Yamakawa

Koichi Hashiguchi

Abstract:

Implicit calculation is required for the accurate and effective FEM analyses and the multiplicative hyperelastic-based plasticity is required for the exact elastoplastic deformation analysis. The leading theories on these themes will be presented and discussed toward the development of the exact elastoplastic deformation analysis.