Computer Models For Fire and Smoke

Model Name: FIRES-T3

Version: ?

Classification: Finite element heat transfer

Very Short Description: FEM for 1-, 2- or 3-D conduction heat transfer with time-varying boundary conditions and temperature-dependent material props.

Modeler(s), Organization(s):   UC Berkeley; Bresler, Iding and Nizamuddin

User's Guide: See SFPE

Technical References: NBS-GCR and UCB FRG 77-15

Validation References: See SFPE User's Guide

Availability: University of Maryland

Price: $50

Necessary Hardware: PC

Computer Language: Fortran

Size: 318 kB

Detailed Description:

See SFPE