

# REACTOR PHYSICS AND METHODS

Thursday, April 10, 2003 - Afternoon

**Chairs: Karve & Marleau (Tennessee 3)**

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ASYMPTOTIC SOLUTION OF THE TRANSVERSE INTEGRATED DIFFUSION EQUATION IN A NEAR-CRITICAL NODE

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INVERSE METHOD APPLIED TO ADAPTIVE CORE SIMULATION

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CONVERGENCE ANALYSIS OF THE NONLINEAR COARSE MESH FINITE DIFFERENCE METHOD

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SPLITTING METHOD FOR SOLVING THE COARSE-MESH DISCRETIZED LOW-ORDER QUASIDIFFUSION EQUATIONS

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CONSISTENT SPATIAL DISCRETIZATION OF THE LOW-ORDER QUASIDIFFUSION EQUATIONS ON COARSE GRIDS

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FORMOSA-P RODDED 3-D/2-D GEOMETRY COLLAPSE METHODOLOGY