

UNIVERSIDADE FEDERAL DE SÃO CARLOS  
DEPARTAMENTO DE MATEMÁTICA

## COLÓQUIO 2017

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Falará sobre

### Riemann Problem and Delta Shock Wave Solution for a System of Conservation Laws

This talk is concerned with a hyperbolic system of conservation laws of Keyfitz-Kranzer type. We show existence of delta shock wave solution using the vanishing viscosity method. Also, the generalized Rankine-Hugoniot relation and entropy condition are established.

Joint work with Marcelo Santos (IMECC-UNICAMP, Brazil).

Quarta-feira, 08 de novembro de 2017, às 16 h no Auditório