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Título: Nonlinear Resonance 1980-1995: My Work with Eli Isaacson

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Título: Constrained Systems of Conservation Laws

Nome: **Max Akira Endo Kokubun (IMPA)**
Título: Analytical results for combustion of a multicomponent oil in a porous reservoir

Nome: **Fred Palmeira (PUC)**
Título: Decomposition of the wave manifold for a 2x2 system of conservation laws

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Título: On the displacement problem for immiscible three-phase flow in virgin

Nome: **Vitor Manuel Martins de Matos (Universidade do Porto, Portugal)**
Título: Hugoniot curve on porous media flows for three components and two phases

Nome: **Grigori Chapiro (UFJF)**
Título: Analytical Estimates for 2D in-situ combustion

Nome: **Cesar de Souza Eschenazi (UFMG)**
Título: Characteristic, sonics surfaces and the wave manifold in quadratic system of two conservations laws the non-symmetric case.

Nome: **Julio Daniel Machado Silva (University of Calgary, Canada)**
Título: The Riemann Solution for a Two-phase Injection Problem Arising in Termal Compositional Flow in Porous Media.

Nome: **Felipe Pereira (University of Texas at Dallas, USA)**
Título: A Multiscale Mixed Method for Porous Media Flows

Nome: **Marcus Sarkis (Worcester Polytechnic Institute)**
Título: Higher-order Finite Elements Methods for Elliptic Problems with Interfaces

Nome: **Adolfo Puime Pires (UENF)**
Título: Mathematical model of water alternated polymer injection enhanced oil recovery (EOR) technique

Nome: **Fabio Pereira dos Santos (IMPA)**
Título: Combustion wave structure in light oil recovery process

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Título: Problema de Cauchy para um Modelo de Combustão em Meios Porosos com Porosidade Variável

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Título: Lagrangian-Eulerian algorithms for solving hyperbolic problems and balance laws

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Título: A new computational method for locating the secondary bifurcation of a Rankine-Hugoniot curve

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Título: Characteristic analysis in a conservation law system in oil recovery from calcite reservoirs

Nome: **Wanderson Lambert (UFRRJ)**
Título: Mathematical and Numerical analysis for systems of algebraic partial differential linear equations

Nome: **Patricio Luiz de Andrade (CEFET)**
Título: Nonclassical waves in the Riemann solution for a three-phase flow in a porous medium

Nome: **Fatih Ozbag (North Carolina State University)**
Título: Combustion Waves and Wave Sequences in Porous Media