COMPOSTELA NUMÉRICA

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GRUPO 2 (orden de presentación) – Aula 2

Ángel Pita da Veiga Ramonde
Fast methods for solving Maxwell's equations through splines and tensorization.
Authors: Ángel Pita-da-Veiga, Jerónimo Rodríguez and Rafael Vázquez

Carlos Nuñez Fernandez
Non-Intrusive ROMs for Industrial CSP Tower Receivers.
Authors: Tomás Chacón, Carlos Núñez, Samuele Rubino, and Juan Valverde

Iago Padin Domínguez
Stochastic Model Predictive Control applied to a PV system with battery storage.
Authors: A. Bermúdez, I. Padín

Iñigo Jimenez Ciga
Space-time parallel integration for flow through a porous medium with discontinuous permeability.
Authors: I. Jimenez-Ciga, A. Arrarás, F. J. Gaspar, and L. Portero

Izarne Martinez Donato
Minimally Implicit Runge–Kutta methods and application to relativistic hydrodynamic equations of a multicomponent gas.
Authors: I. Martínez-Donato, S. J. Bonanad-Hurtado, I. Cordero-Carrión, M. Perucho, J. M. Martí

Luis Bustinduy de la Guerra
Multi-scale Decomposition PINNs for Homogenization Problems.
Authors: Luis Bustinduy de la Guerra

Miguel Picos Maiztegui
Construyendo metal a múltiples escalas: Método Arlequín.
Authors: P. Barral, M. Picos, P. Quintela, J. Rodríguez

Ruth Medeiros González
An adaptive reduced order modelling strategy for lithium-ion cell design optimization.
Authors: R. Medeiros, E. Jané, F. Varas, M. Higuera

Lidia Gude Vila
A Runge-Kutta discontinuous Galerkin scheme with a posteriori subcell limiting for the compressible Euler equations.
Authors: L. Gude, L. Saavedra, S. Busto

Claudiu Constantin Placinta Munteanu
SHM of metallic plates as an inverse problem.
Authors: Claudiu Placinta, María-Luisa Rapún