NAS1: Numerical Methods for Nonlinear Problems

Tuesday (07/07) 15:00-16:40

15:00. Juan Ramón Torregrosa. “Finding simultaneous solutions of nonlinear problems”.

15:25. Paula Triguero. “A High-Performance Optimal Eighth-Order Scheme for Nonlinear Systems”.

15:50. Vicente Candela. “Some remarks on Newton's method for complex polynomial equations”.

16:15. Isabel Cordero. “Obtaining constraint satisfying initial data for Einstein equations”

Tuesday (07/07) 17:00-19:05

17:00. Eva García Villalba. “Study and application of a parametric family of high-order iterative methods for solving a nonlinear traffic management problem”.

17:25. Victor Álvarez-Aparicio. “Path-lifting techniques based on the monodromy of infinity for polynomial root-finding”.

17:50. Jordi Canela. “Computing parameter planes of iterative root-finding methods with several free critical points”.

18:15. José Manuel Gutiérrez. “A probabilistic remark related to Cayley's problem”