

The 2nd Combinatorics Day

Saturday, 17th of March of 2012

DMUC, room 2.5

Abstracts

17:00-17:30 **Ana Filipa Loureiro** (CMUP):

The central factorials in association with the Kontorovich-Lebedev transform

Abstract: After a slight modification, the Kontorovich-Lebedev transform is an automorphism of the vector space of polynomials with positive variable, essentially mapping monomials into central factorials. While characterizing the polynomial sequence whose KL-transform is the canonical sequence of monomials, new algebraic identities between these and Euler polynomials will arise.