

# Note di Matematica

Volume 36, number 2, 2016

- G. SCHINDL: *Characterization of ultradifferentiable test functions defined by weight matrices in terms of their Fourier Transform* 1
- B. HERRERA, J. PALLARES, A. REVENTÓS: *Geometric characterization of the rotation centers of a particle in a flow* 37
- T. AMOUZEGAR: *New generalizations of lifting modules* 49
- K. DAS: *Congruences modulo 3 for two interesting partitions arising from two theta function identities* 61
- BALLICO: *Non-existence of smooth rational curves of degree  $d = 13, 14, 15$  contained in a general quintic hypersurface of  $\mathbb{P}^4$  and in some quadric hypersurface* 77
- R. EL-SHANAWANY: *On Mutually Orthogonal Disjoint Copies of Graph Squares* 89
- M. S. MAHADEVA NAIKA, S. SHIVAPRASADA NAYAKA: *Congruences for  $(2, 3)$ -regular partition with designated summands* 99