

EVALUATION OF SOME FINITE AND INFINITE SUMS  
BY THE  $r$ -WHITNEY NUMBERS

**István Mező**

Nanjing University of Information Science and Technology  
Nanjing, P. R. China

(Joint work with José L. Ramírez)

In the talk we introduce the  $r$ -Whitney numbers through their combinatorial interpretations, and then we show how to use them to evaluate some finite and infinite sums. The main tool is a master theorem deduced through Riordan arrays.

At the end of the talk we mention an open problem with respect to a generalization of the Eulerian numbers.