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**Title:** The Dunford–Pettis property on spaces of polynomials

**Author(s):** Raffaella Cilia and Joaquín M. Gutiérrez

We give conditions on a Banach space  $X$  so that the spaces of scalar-valued homogeneous polynomials on  $X$  do not have the Dunford–Pettis property (DPP). This allows us to obtain new examples of Banach spaces with the DPP such that their duals fail it.

**Address:**

Raffaella Cilia  
Dipartimento di Matematica  
Facoltà di Scienze  
Università di Catania  
Viale Andrea Doria 6  
95125 Catania  
Italy  
*E-mail:* cilia@dmi.unict.it

**Address:**

Joaquín M. Gutiérrez  
Departamento de Matemática Aplicada  
ETS de Ingenieros Industriales  
Universidad Politécnica de Madrid  
C. José Gutiérrez Abascal 2  
28006 Madrid  
Spain  
*E-mail:* jgutierrez@etsii.upm.es