

# THREE-OPERATOR PROBLEMS FOR CLASSES OF OPERATORS

Manuel González

Departamento de Matemáticas, Facultad de Ciencias,  
Universidad de Cantabria, E-39071 Santander, Spain  
manuel.gonzalez@unican.es

## ABSTRACT

We study the analogue of three-space problems in Banach space theory for classes of operators acting on Banach spaces. We show examples of classes of operators having or failing the three-operator property, give several methods to obtain classes with this property, and show some applications.

Joint work with Jesús M.F. Castillo (Badajoz), Muneo Chō (Kanagawa Univ.)  
and Antonio Martínez abejón (Oviedo).