

**Bărbătei, Ovidiu; Ceașu, Traian; Stan, Ilie**

**Interpolation of compact operators. The multidimensional case.** (English) Zbl 1113.46068  
*An. Univ. Vest Timiș., Ser. Mat.-Inform.* 43, No. 1, 3-14 (2005).

Summary: We investigate the behaviour of compact operators under Sparr methods. We begin with the case when one of the  $N + 1$  - tuples reduces to a single Banach space, and later we treat the general case. In particular, we obtain the behaviour of compact operators under polygonal methods.

**MSC:**

46M35 Abstract interpolation of topological vector spaces

46B70 Interpolation between normed linear spaces

**Keywords:**

interpolation methods; interpolation of compact operators