

Gordon, Y.; Lewis, D. R.; Retherford, J. R.

Banach ideals of operators with applications. (English) Zbl 0272.47024
J. Funct. Anal. 14, 85-129 (1973).

For a scan of this review see the [web version](#).

MSC:

- [47B10](#) Linear operators belonging to operator ideals (nuclear, p -summing, in the Schatten-von Neumann classes, etc.)
- [47L05](#) Linear spaces of operators
- [46E30](#) Spaces of measurable functions (L^p -spaces, Orlicz spaces, Köthe function spaces, Lorentz spaces, rearrangement invariant spaces, ideal spaces, etc.)
- [47D99](#) Groups and semigroups of linear operators, their generalizations and applications

Cited in **2** Reviews
Cited in **28** Documents

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References:

- [1] Amemiga, I; Shiga, K, On tensor products of Banach spaces, (), 161-178 · [Zbl 0079.32404](#)
- [2] Chatterji, S.D, Weak convergence in certain special Banach spaces, () · [Zbl 0175.14503](#)
- [3] Cohen, J, Absolutely \textit{p} -summing, p -nuclear operators and their conjugates, () · [Zbl 0233.47019](#)
- [4] Cohen, J, A characterization of inner product spaces using 2-absolutely summing operators, *Studia math.*, 38, 271-276, (1970) · [Zbl 0203.43301](#)
- [5] Dunford, N; Schwarz, J, *Linear operators I*, (1958), Interscience New York
- [6] {scP. Enflo}, A counter example to the approximation problem, to appear. · [Zbl 0286.46021](#)
- [7] {scT. Figiel}, Some remarks on factorization of operators and the approximation problem, to appear. · [Zbl 0257.47017](#)
- [8] Garling, D.J.H, Absolutely \textit{p} -summing operators in Hilbert spaces, *Studia math.*, 38, 319-331, (1970) · [Zbl 0203.45502](#)
- [9] Garling, D.J.H; Gordon, Y, Relations between some constants associated with finite-dimensional Banach spaces, *Israel J. math.*, 9, 346-361, (1971) · [Zbl 0212.14203](#)
- [10] Gordon, Y, On \textit{p} -absolutely summing constants of Banach spaces, *Israel J. math.*, 7, 151-163, (1969) · [Zbl 0179.17502](#)
- [11] Gordon, Y, Asymmetry and projection constants of Banach spaces, *Israel J. math.*, 14, 50-62, (1973) · [Zbl 0253.46024](#)
- [12] Grothendieck, A, Produits tensoriels topologiques et espaces nucléaires, *Mem. amer. math. soc.*, 16, (1955) · [Zbl 0064.35501](#)
- [13] Grothendieck, A, Résumé de la theorie métrique des produits tensoriels topologiques, *Boletim soc. mat. sao paulo*, 8, 1-79, (1956) · [Zbl 0074.32303](#)
- [14] Holub, J.R, A characterization of subspaces of \textit{p} , *Studia math.*, 42, 265-270, (1972) · [Zbl 0212.14603](#)
- [15] Johnson, W, Factoring compact operators, *Israel J. math.*, 9, 337-345, (1971) · [Zbl 0236.47045](#)
- [16] Johnson, W; Rosenthal, H.P; Zippin, M, On bases, finite dimensional decompositions and weaker structures in Banach spaces, *Israel J. math.*, 9, 488-506, (1971) · [Zbl 0217.16103](#)
- [17] Kadec, M.I, On linear dimension of the spaces \textit{L}_p , *Upsehi mat. nauk*, 13, 95-98, (1958), (Russian)
- [18] {scS. Kwapien}, On operators factorizable through \textit{L}_p -spaces, to appear. · [Zbl 0246.47040](#)
- [19] Kwapien, S, A linear topological characterization of inner product spaces, *Studia math.*, 38, 277-278, (1970) · [Zbl 0203.43302](#)
- [20] Kwapien, S, On a theorem of L. Schwarz and its applications to absolutely summing operators, *Studia math.*, 38, 193-201, (1970) · [Zbl 0211.43505](#)
- [21] {scD. Lewis}, Integral operators on L_p -spaces, *Pacific J. Math.*, to appear.
- [22] Lindenstrauss, J; Pelczynski, A, Absolutely summing operators in L_p -spaces and their applications, *Studia math.*, 9, 275-326, (1968) · [Zbl 0183.40501](#)
- [23] Lindenstrauss, J; Rosenthal, H.P, The L_p -spaces, *Israel J. math.*, 7, 325-349, (1969) · [Zbl 0205.12602](#)
- [24] Morrell, J.S; Retherford, J.R, \textit{p} -trivial Banach spaces, *Studia math.*, 43, 1-25, (1972) · [Zbl 0211.14801](#)
- [25] Nachbin, L, A theorem of the Hahn-Banach type for linear transformations, *Amer. math. soc. trans.*, 68, 28-46, (1950) · [Zbl](#)

0035.35402

- [26] Nakano, H; Nakano, H, Über normierte teilweisgeordnete modulen, (), 301-307, Tokyo
- [27] Persson, A, On some properties of p -nuclear and p -integral operators, *Studia math.*, 35, 214-224, (1969) · [Zbl 0184.17903](#)
- [28] Persson, A; Pietsch, A, p -nukleare und p -integrale abbildungen in banachräumen, *Studia math.*, 33, 19-62, (1969) · [Zbl 0189.43602](#)
- [29] Pietsch, A, Absolut- p -summierende abbildungen in normierten Räumen, *Studia math.*, 28, 333-353, (1967) · [Zbl 0156.37903](#)
- [30] Pietsch, A, Ideale von S_{p} -operatoren in banachräumen, *Studia math.*, 38, 59-69, (1970) · [Zbl 0213.14505](#)
- [31] Pietsch, A, Adjungierte normierten operatorenideale, *Math. nach.*, 48, 189-211, (1971) · [Zbl 0233.46084](#)
- [32] Pietsch, A, Absolutely p -summing operators in lp -spaces, I and II, () · [Zbl 0249.47020](#)
- [33] {sJ. R. Retherford}, Operator characterizations of L_{p} -spaces, *Israel J. Math.*, in print. · [Zbl 0253.46059](#)
- [34] Retherford, J.R; Stegall, C, Fully nuclear and completely nuclear operators with applications to L_1 - and L_{∞} -spaces, *Trans. amer. math. soc.*, 163, 457-492, (1972) · [Zbl 0225.47012](#)
- [35] Saphar, P, Produits tensoriels d'espace de Banach et classes d'applications linéaires, *Studia math.*, 38, 71-100, (1970) · [Zbl 0213.14201](#)
- [36] Saphar, P, Applications p -sommantes et p -decomposantes, *C. R. acad. sci.*, 270, 1093-1096, (1970) · [Zbl 0247.47017](#)
- [37] Saphar, P, Hypothèse d'approximation à l'ordre p dans LES espaces de Banach et approximation d'applications p absolument sommantes, *Israel J. math.*, 13, 379-399, (1972)
- [38] Schatten, R, Norm ideals of completely continuous operators, (1960), Berlin Göttingen Heidelberg · [Zbl 0090.09402](#)
- [39] Schatten, R, A theory of cross spaces, (1950), Princeton Univ. Press · [Zbl 0041.43502](#)
- [40] Schwartz, L, Applications p -radonifiantes et théorème de dualité, *Studia math.*, 38, 203-213, (1970) · [Zbl 0211.43601](#)
- [41] Schwartz, L, Un théorème de dualité pour LES applications, radonifiantes, *C. R. acad. sci.*, 268, 1410-1413, (1969) · [Zbl 0181.43402](#)
- [42] Tong, A, Diagonal nuclear operators on l_{p} -spaces, *Trans. amer. math. soc.*, 143, 235-247, (1969) · [Zbl 0186.45602](#)
- [43] Zygmund, A, ()
- [44] Rosenthal, H.P, On the subspaces of L_{p} ($\text{p} > 2$) spanned by sequences of independent random variables, *Israel J. math.*, 8, 273-303, (1970) · [Zbl 0213.19303](#)
- [45] Lindenstrauss, J, On the extension of operators with a finite dimensional range, *Illinois J. math.*, 8, 488-499, (1964) · [Zbl 0132.09803](#)
- [46] Kadec, M.I; Pelczynski, A, Bases, lacunary sequences and complemented subspaces in the spaces L_{p} , *Studia math.*, 21, 161-176, (1962) · [Zbl 0102.32202](#)

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