

Mathematical publications, G.J.O. Jameson

Books

- Ordered Linear Spaces*, Springer Lecture Notes no. 141 (Springer, 1970). (194p.)
- A First Course on Complex Functions* (Chapman and Hall, London, 1970). (148p.)
- Topology and Normed Spaces* (Chapman and Hall, London, 1974) (408p.)
- Summing and Nuclear Norms in Banach Space Theory*, London Math. Soc. Student Texts 8 (Cambridge Univ. Press, 1987). (174p.)
- The Prime Number Theorem*, London Math. Soc. Student Texts 53 (Cambridge Univ. Press, 2003). (252p.)

Research articles

- Extension of a theorem of Kakutani to complex-valued functions, *Math. Z.* **99** (1967), 213–215.
- Sets of continuous functions on a compact space into a linear lattice, *Math. Z.* **100** (1967), 29–35.
- Topological M -spaces, *Math. Z.* **103** (1968), 139–150.
- Allied subsets of topological groups and linear spaces, *Proc. London Math. Soc.* (3) **18** (1968), 653–690.
- Nearly directed subspaces of partially ordered linear spaces, *Proc. Edinburgh Math. Soc.* (2) **16** (1968), 135–144.
- Discrete and extremal positive linear mappings, *J. London Math. Soc.* **44** (1969), 559–564.
- Convex series, *Proc. Cambridge Phil. Soc.* **72** (1972), 37–47.
- A variant of a theorem of Sierpiński concerning partitions of continua, *Colloq. Math.* **25** (1972), 79–80.
- The weak-star closure of the unit ball in a hyperplane, *Proc. Edinburgh Math. Soc.* (2) **18** (1972), 7–11.
- The duality of pairs of wedges, *Proc. London Math. Soc.* (3) **24** (1972), 531–547.
- Some short proofs on subseries convergence, *Amer. Math. Monthly* **79** (1972), 53–55.
- Unconditional convergence in partially ordered linear spaces, *Math. Ann.* **200** (1973), 227–233.
- A problem on series, *Amer. Math. Monthly* **80** (1973), 1119.
- An elementary proof of the Arens and Borsuk extension theorems, *J. London Math. Soc.* (2) **14** (1976), 364–368.
- Whitley's technique and K_δ -subspaces of Banach spaces, *Amer. Math. Monthly* **84** (1977), 459–461.
- The weak-star closure of the unit ball in a subspace, *Proc. Edinburgh Math. Soc.* **25** (1982), 87–95.

(with A. Pinkus) Positive and minimal projections in function spaces, *J. Approx. Theory* **37** (1983), 182–195.

The interpolation proof of Grothendieck’s inequality, *Proc. Edinburgh Math. Soc.* **28** (1985), 217–223.

A lower bound for the projection constant of Π_2 , *J. Approx. Theory* **49** (1987), 163–167.

Relations between summing norms of mappings on ℓ_∞^n , *Math. Z.* **194** (1987), 89–94.

A specific form of Grothendieck’s inequality for the two-dimensional case, with applications to C^* -algebras, *Proc. Edinburgh Math. Soc.* **37** (1994), 521–537.

The number of elements required to determine $(p, 1)$ -summing norms, *Illinois J. Math.* **39** (1995), 251–257.

2-convexity and 2-concavity in Schatten ideals, *Math. Proc. Cambridge Phil. Soc.* **120** (1996), 697–701.

Khinchin’s inequality for operators, *Glasgow Math. J.* **38** (1996), 327–336.

The q -concavity constants of Lorentz sequence spaces and related inequalities, *Math. Z.* **227** (1998), 129–142.

Norms and lower bounds of operators on the Lorentz sequence space $d(w, 1)$, *Illinois J. Math.* **43** (1999), 79–99.

(with R. Lashkaripour) Lower bounds of operators on weighted ℓ_p spaces and Lorentz sequence spaces, *Glasgow Math. J.* **42** (2000), 211–223.

(with Grahame Bennett) Monotonic averages of convex functions, *J. Math. Anal. Appl.* **252** (2000), 410–430.

(with R. Lashkaripour) Norms of certain operators on weighted ℓ_p spaces and Lorentz sequence spaces, *J. Ineq. Pure Appl. Math.* vol. **3**, issue 1, article 6 (2002), 1–17.

The ratio between the tail of a series and its approximating integral, *J. Ineq. Pure Appl. Math.* vol. **4**, issue 2, article 25 (2003), 1–12.

(with Shoshana Abramovich and Gord Sinnamon) Inequalities for averages of convex and superquadratic functions, *J. Ineq. Pure Appl. Math.* vol. **5**, issue 4 (2004), 1–14.

(with Shoshana Abramovich and Gord Sinnamon) Refining Jensen’s inequality, *Bull. Math. Soc. Sci. Math. Roumanie*, **47** (2004).

Research preprints

Operator-valued extensions of matrix inequalities, 12 pp.

The number of zeros of a sum of fractional powers, 10 pp.

Contributions to books

Mixed summing norms and finite-dimensional Lorentz spaces, in *Geometric Aspects of Banach Space Theory*, ed. E. Martin-Peinador and A. Rodés, Cambridge Univ. Press (1989), p. 112–124.

A unified proof of the prime number theorem and related series results, in: *Applicable Mathematics in the Golden Age*, ed. J.C. Misra, Narosa Publ. House, New Delhi (2002), 496–514.

Expository papers and notes

Counting subsets and the binomial theorem, *Math. Gazette* **80** (1996), 395–6.

Hilbert's inequalities on ℓ_2 , 9 pp. (on personal website).

Counting zeros of generalized polynomials: Descartes' rule of signs and Laguerre's extensions, *Math. Gazette*, to appear (13 pp).

Two answers to an integral, *Math. Gazette*, to appear (2 pp).