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Barrelled locally convex spaces, by P. Pérez Carreras and J. Bonet.
North-Holland Math. Stud., vol. 131, (L. Nachbin, ed.), North-Holland, Amsterdam, New York, Oxford, Tokyo, 1987, xv + 512 pp., \$80.00. ISBN 0-444-70129-X

The book targeted by this review is truly a landmark, projecting barrelledness as the major force which disciplines the general theory of locally convex topological vector spaces (lctvs); it is the definitive study of strong and weak barrelledness structure theory, with a novel choice of applications (Chapters 10–12); it is a unique assimilation of half a century's scholarship, comprehensive, coherent, current, with a marvelous collection of open problems (Chapter 13). In his fanciful flight over an area he has roosted in for two decades, the reviewer finds the book the monument which most powerfully stimulates and facilitates fresh contributions (see below), contributions particularly urgent in view of the fertile open problems and certain creatively correctable mistakes (a modest price for such timeliness). A clearer bird's-eye view of strong barrelledness unfolds (see Figures 1–4).

The recent demise of the beloved patriarch, Prof. Dr. G. Köthe, recalls the historically grand German tradition in topological vector spaces (tvs). Now Spain has emerged a leader with the advent of Prof. M. Valdivia and his prolific followers, including the authors P. Pérez Carreras and J. Bonet. Unfortunately, some of their important results appear in Spanish publications not widely available. Fortunately, the book under review redresses this situation beautifully, transporting *to* the New World a cargo richer than the plunder of conquistadors. As in a Goya painting, the book's subject is robust and beguilingly composed. Although some knowledge of tvs's is requisite, to most in the area the book is necessary and sufficient. Chapters 10, 11, and 12, respectively, make