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M-barrelled spaces, M-bornological spaces: Ad addendum

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During the preparation of the last part of "Spectra of topological vector spaces" for publication (April, 1970) our attention has been called by the Editorial Board of Comment.Math.Univ.Carolinae to the fact that S.O. IYAHEN ([1]: London Math.Soc.18(1968),285-307) had recently published a work partially on the same subject as it was under discussion in the first part of our paper. After this remark we found out that two of our central results, on which the theory of inductive limits is based, have been established in [1], namely Proposition 2.7 and Corollary to Proposition 2.8 of [1] (the remaining basic theorems in our article were: The description of a base of neighborhoods for the inductive topology in a general case, generalizations of Theorem (4), p.226, and Theorem (3), p. 215 of Köthe's monograph to the case of TVS's). This is why the article quoted in references has been rewritten and will be published later.

Furthermore, after receiving of [1] (May 19,1970) we learned also that a good deal of the theory presented in the articles in questions had been developed by S.O. IYAHEN in [1] (even though by means of slightly different concepts of an ultrabarrel and of a bornivouros suprabarrel).

(Oblatum 2.6.1970)