Beddaa, A.; Oudadess, M.
Short proofs of some structure theorems on $m$-convex algebras. (English) Zbl 0890.46038

Summary: We show that a Hausdorff barrelled subnormable locally convex algebra is in fact a normed algebra. As a consequence, we obtain some structure theorems of M. Fragoulopoulou, S. J. Bhatt and also of S. J. Bhatt and D. J. Karia.

MSC:
46H20 Structure, classification of topological algebras
46H05 General theory of topological algebras

Keywords:
Hausdorff barrelled subnormable locally convex algebra; normed algebra; structure theorems

Full Text: EuDML