

W.W. Comfort, Jan van Mill
*Extremal pseudocompact Abelian groups:
A unified treatment*

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Abstract: The authors have shown [Proc. Amer. Math. Soc. 135 (2007), 4039–4044] that every nonmetrizable, pseudocompact abelian group has both a proper dense pseudocompact subgroup and a strictly finer pseudocompact group topology. Here they give a comprehensive, direct and self-contained proof of this result.

Keywords: pseudocompact topological group, extremal topological group, proper dense pseudocompact subgroup, abelian

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