



Lourdes Palacios (pafa@xanum.uam.mx) Universidad Autónoma Metropolitana-Iztapalapa, Mexico, ***On Maximal Ideals of codimension one in certain Topological Algebras.***

ABSTRACT. W. Zelazko gives a characterization of commutative complete unital m -convex algebras in which all maximal ideals are of codimension one. The spectrum of each element is bounded in these algebras. Recently, Arizmendi et al, presented a similar result for complex, commutative, unital, m -convex algebras. In this talk we will describe commutative algebras where all its maximal ideals are of codimension one. These algebras have interesting properties.

Joint work with Hugo Arizmendi