

# ABOUT $r$ -SKELETONS

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In 2006, W. Kubiś and H. Michalewski introduce the notion of  $r$ -*skeleton* for describe the Valdivia spaces, they characterized the Valdivia spaces like the spaces that admits a commutative  $r$ -skeleton. Also, they presented a space with an  $r$ -skeleton not Valdivia. After that, many authors did works about spaces that admits an  $r$ -skeleton (not necessarily Valdivia spaces). We have following this way.

An interesting problem in the study of spaces with  $r$ -skeleton is to find characterizations in terms of others topological notions. In this talk, i will present work about  $r$ -skeletons not necessarily commutatives related with inverse limits. Also, i will present results about the Alexandroff Duplicate of a space and the concept of  $r$ -skeleton.

This is work joint with S. Garcia-Ferreira.