

Characterization of (semi-)Eberlein compacta using retractional skeletons

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We provide a new characterization of (semi-)Eberlein compacta using the notion of a retractional skeleton. Using this characterization we give a new proof of the fact that continuous image of Eberlein compact is Eberlein and, generalizing this idea, we also obtain new structural results concerning continuous images of semi-Eberlein compacta in particular solving in positive a question asked by Kubis and Leiderman.

This is a joint work with C. Correa and J. Somaglia.

