Proximate groups of higher order

Aneta Velkoska[1] and Zoran Misajleski[2]

[1]Faculty of Communication Networks and Security, University of Information Science and Technology St. Paul the Apostle - Ohrid, aneta.velkoska@uist.edu.mk
[2]Chair of Mathematics, Faculty of Civil Engineering, Ss. Cyril and Methodius University-Skopje, misajleski@gf.ukim.edu.mk

Using the intrinsic definition of shape based on proximate sequences for compact and all topological spaces based on proximate nets indexed by open coverings in the paper Shekutkovski et all. [1] we define proximate fundamental group. In this paper the proximate groups of higher order will be introduced .

References

[1] N. Shekutkovski and A. Velkoska, One Invariant of Intrinsic Shape, Filomat **29**(10) (2015), 2185–2197.