

Intrinsic Approach to Shape and Applications

Nikita Shekutkovski

*Institute of Mathematics, Faculty of Natural Sciences and Mathematics
University of St. Cyril and Methodius, Skopje, Republic of Macedonia
nikita@pmf.ukim.mk*

The intrinsic approach to shape is presented, based on proximate sequences and nets of functions. Several results are proved recently, using the intrinsic approach to shape.

References

- [1] N. Shekutkovski, One property of components of chain recurrent set, *Regular and Chaotic Dynamics*, 20(2), (2015), 184–188.
- [2] N. Shekutkovski, Intrinsic shape – The proximate approach, *Filomat*, 29(10) (2015), 2199–2205.
- [3] N. Shekutkovski, M. Shoptrajanov, Intrinsic shape of chain recurrent set, *Topology and its applications*, 202, (2016), 117–126.