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## **On Star Selection Principles Theory**

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**Abstract:** Selection principles theory is one of most investigated fields in topology in last few decades. In this talk we will give an overview of star selection principles which are one of important subfields in the theory of selection principles. We present old and recent results in this theory, and also lines of possible further investigation in the field.

The talk is based on a chapter in the forthcoming book “Advances in Topology and its Structures: Foundation, Theory and Applications”, Wiley.

**Keywords:** Star selection principles, weaker forms, set star selection principles, function spaces, hyperspaces, game theory.