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**On the Tarski-Knaster fixed-point theorem and its application.**

Math. Medley 35, No. 2, 12-20 (2009).

From the text: In this article, we introduce and prove the Tarski-Knaster fixed-point theorem and subsequently look at several interesting applications of the theorem.

*Classification:* I90 E60 I20

*Keywords:* order-preserving functions; fixed points; monotonicity; order theory; partial order; comparability; chains; completeness; complete lattices; lattice theory; line-and-arrow representation; partially ordered sets; set theory; topology; complete partial orders