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*r-convexity revisited*

For the last few decades researchers of convex bodies have been interested in the theory of strong convexity, first presented by Anton Mayer. In this talk I will discuss  $r$ -convexity, a norm-free and dimension free (where applicable) theory that is based on Mayer's strong convexity, and present some results from classical convexity that have been extended to  $r$ -convexity, such as the theorems of Caratheodory, Tietze, and Nakajima.