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*Banach–Mazur compacta: Results and Problems*

In his 1932 book *Théorie des Opérations Linéaires*, S. Banach introduced the space of isometry classes  $[X]$ , of  $n$ -dimensional Banach spaces equipped with the famous Banach–Mazur metric:

$$d([X], [Y]) = \ln \inf \{ \|T\| \cdot \|T^{-1}\| \mid T: X \rightarrow Y \text{ is a linear isomorphism} \}.$$

These spaces are now denoted by  $BM(n)$  and called the Banach–Mazur compacta.

In this talk we shall present some recent results and open problems related to these interesting objects.