The talk will be devoted to the following result motivated by the previous work of Bukovský, Fremlin, Hájek, Scheepers, and others:

**Theorem** [Tsaban-Z. 2007]

A set of reals $X$ is a QN space if, and only if, each Borel image of $X$ in $\omega^\omega$ is bounded.

Having all Borel images in $\omega^\omega$ bounded is equivalent to the Hurewicz covering property for countable Borel covers. We shall also discuss the relation of QN-spaces with other variants of the Hurewicz property.

**References**


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