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## ON ALMOST UNIFORM CONVERGENCE AND THE FIRST CLASS BAIRE FUNCTIONS

In this paper we will research some type of convergence, so-called almost uniform convergence, of functional sequences  $(f_n)_{n=1}^{\infty}$  of real valued functions  $f_n$  defined on a topological space  $X$ . This kind of convergence is between strong quasi-uniform convergence (for details see [17]) and pointwise one. We will formulate sufficient and necessary conditions when a sequence  $(f_n)_{n=1}^{\infty}$  is almost uniform convergent on a compact topological spaces. We also prove that the limit of almost uniform convergent sequence of functions of the first Baire class on a  $\sigma$ -compact and  $G_{\delta}$  space  $X$  is a function of the first Baire class as well.

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