

On some notions defined by ideal convergences

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I will discuss some properties of notions defined by ideal convergences. I will concentrate on questions whether so defined objects do exist and are different from the non-ideal ones. Namely I will discuss the Baire classes of real functions, $S_1(\Gamma, \Gamma)$ -spaces, wQN-spaces and QN-spaces. Then I will deal with the ideal version of Scheepers' conjecture.

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