

Zdeněk Frolík  
Introduction

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## Introduction.

Seminar Uniform Spaces started to work in the fall of 1973. A short survey of results appeared in Comment. Math. Univ. Carolinae 16(1975), 189-199. All the papers were accepted for publication at the beginning of September, 1974. The exceptions are:

(1) Both papers by Z. Frolík were reworked to include at least some material on plus and minus functors which was presented in the spring of 1975. Also a long text on Baire fine and hyper Baire fine spaces was omitted in the final redaction.

(2) The Rödel's paper was accepted in December, 1974.

(3) J. Pelant's "Cardinal reflections and point-character of uniformities - counterexamples" was accepted in January 1975, and "Reflections not preserving completeness" in June, 1975.

(In fact, the publication was delayed because I wanted to include these two papers, and of course, some technical difficulties were involved, too.)

In general, a basic knowledge of J. Isbell's "Uniform spaces", and E. Čech's "Topological spaces" were assumed. The first lecture in the seminar was "Three uniformities associated with uniformly continuous functions" which will appear in Proc. Conf. Alg. continuous Functions, Rome 1973. The program of the seminar was based on papers presented by the undersigned at conferences in Prague (1971), Budva (1972), and Pittsburgh (1972). It was clear at that time that the

theory of uniform spaces could be developed to apply, non-trivially, to the descriptive theory and to measure theory.

Praha, June 6, 1975

Z. F r o l í k