

**ON ASYMPTOTICALLY STATISTICAL EQUIVALENT
SEQUENCES OF FUNCTIONS**

Shailendra Pandit, Ritik Kumar* and Ayhan Esi**

Department of Science and Humanities,
Government Engineering College Arwal,
Shivpur, Pahleja - 804409, Bihar, INDIA

E-mail : shailendrap.phd19.ma@nitp.ac.in

*Department of Basic Science and Humanities,
Government Polytechnic College Jehanabad,
Sultanpur, Makhdumpur - 804405, Bihar, INDIA

E-mail : rk3970416@gmail.com

**Engineering Faculty,
Basic Eng. Sci.,(Math. Sect,)
Malatya Turgut Ozal University, Malatya - 44040, TURKEY

E-mail : aesi23@hotmail.com

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Abstract: In this paper, we study the concept of asymptotically statistical equivalent sequences with sequences of functions defined on a common domain. The literature provides a deeper understanding of non-negative sequences of real functions in the context of asymptotic analysis. We introduced asymptotically statistical equivalent sequences of functions of multiple α with some novel examples. In addition, certain essential theorems and corollaries are investigated.

Keywords and Phrases: Statistical convergence, asymptotically equivalent sequences, sequence of functions, pointwise convergence.

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