ON İ-CONVERGENCE, İ-LIMIT POINT AND İ-CLUSTER POINT OF SEQUENCES OF BI-COMPLEX NUMBERS

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Abstract. In this paper, we introduce the concept of İ and İ∗— convergence of sequences of bi-complex number. We study some basic properties and implication relations of the newly defined convergence concepts. We introduce the notions of İ and İ∗— Cauchy sequences of bi-complex number and investigate the relations between them. Also, we introduce the notion of İ—limit point, İ—cluster point and prove certain properties of both the notions.