1093-39-16   **Choonkil Park*** (`baak@hanyang.ac.kr`), Department of Mathematics, Hanyang University, Seoul, 133-791, South Korea. *Functional difference equationa and inequalities.*

In this talk, new functional difference inequalities are introduced. We prove the Hyers-Ulam stability of the functional difference inequalities in various normed spaces. The results are applied to investigate morphisms in various normed spaces such as Banach spaces, fuzzy normed spaces, random normed spaces, operator algebras, fuzzy normed algbras, random normed algebras, matrix normed spaces, matrix fuzzy spaces, matrix random spaces, matrix normed algebras, matrix fuzzy normed algebras and matrix random normed algebras. (Received June 02, 2013)