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Tomasz R Bielecki and **Igor Cialenco*** (igor@math.iit.edu), Department of Applied Math, IIT, 10 West 32nd Str, Bld E1, Room 208, Chicago, IL 60616, and **Zhao Zhang**. *Dynamic Acceptability Indices*.

Acceptability index is defined as a unitless measure of performances of a random cash-flow that satisfies a set of natural axioms. We will present a general theoretical framework of studying acceptability indices from dynamic point of view. We will discuss on some representation type theorems for dynamic coherent acceptability indices and provide several practical examples. (Received January 22, 2010)