CASCADE REGULATION OF TRANSFORMATION PROCESSES

Abstract
Managing any sort of processes is often a difficult task that requires a lot of responsibility most of the time. Due to the growing complexity of existing systems (from local all the way up to global), ordinary regulation procedures that should "maintain" the systems within normal parameters are having more and more difficulties when meeting new demands. This is applicable in all areas of human activity, even in technical, particularly in so called social and especially, in a broader sense, anthropological areas. The article puts forward the implementation of the rules for cascade regulation into the management of transformation processes in kinesiology, medicine, pedagogy and other anthropological disciplines with possible application based on two in part convergent ways: 1. Embedded, and 2. Temporal cascade regulation. Both cases demand good understanding of mathematical tools. It seems that the awareness of transformational achievement goals would be raised to a whole new level and errors caused by unknown factors would be reduced to a minimum.

Key words: processes, cascades, embedment, temporal