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## **COMPARATIVE STRENGTH CALCULATIONS COMPRESSED CONCRETE ELEMENTS BASED ON DEFORMATION MODELS**

*The comparative calculation of durability of the compressed reinforce-concrete elements in normal sections is executed on the basis of existent deformation models of EN-2, ДБН В. 2.6. 98:2009 and ДСТУ Б В. 2.6 156: 2010 and also to the deformation model with the extreme criterion of durability. The results of calculations in the above deformation models are compared with the experimental researches.*

**Keywords:** *concrete, armature, deformation model, durability, deformation, normal section, reinforce-concrete element, extreme criterion.*