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DETERMINING OF THE DEFLECTED MODE AND THE STIFFNESS OF REINFORCED CONCRETE ELEMENTS CONSIDERING THE INFLUENCE OF TENSION REGION FORCE IN THE NORMAL SECTIONS

The issue of deflected mode and stiffness of reinforced concrete elements based on the generalized deformation model considering the work of tensioned concrete between crack is examined. The possibility of obtaining of a complete picture of reinforced concrete element's stress cracking is stated.

Keywords: *stiffness, curvature, adhesion force, deformation model, crack spacing.*