FORMATION OF CRACKS AND WIDTH OF OPENING CRACKS IN UNSLIT REINFORCED CONCRETE BEAMS

Resulted experimental values of loading and internal efforts, which answer appearance of normal cracks above middle support and sloping cracks in of cut, and also their width of opening. Done analysis of influencing of operating factors on initial parameters after the proper mathematical models with their graphic reflection. Comparison of results of calculations of formation of normal, sloping cracks and width of their opening is executed after widespread methods with experimental information.

Keywords: reinforced concrete elements, cracking, deformation models