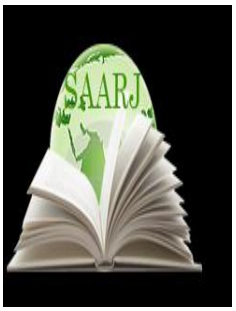

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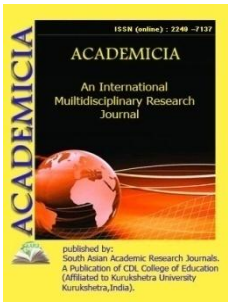

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ANALYSIS OF THE INFLUENCE OF A DRY HOT CLIMATE ON THE OPERATION OF REINFORCED CONCRETE ELEMENTS

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ABSTRACT

This article is devoted to the theoretical and experimental study of the deformation characteristics of heavy concrete in a dry hot climate. The methods of experimental research have been developed and the nature of the temperature distribution of the concrete of the column in a dry hot climate has been studied.

KEYWORDS: *Reliability, Operating Conditions Coefficients, Strength, Deformability, Shrinkage, Opening Width, Stiffness, Curvature, Axial Thermal Elongation, Concrete Shrinkage Deformations, Sinusoidal Character.*

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