

Probabilities, Safety Factors, and Limit State Design

J.C. Kariotis¹

Abstract:

The terms probability, safety factors, and limit state design have many conflicting interpretations. This paper is an attempt to present a rational examination of the commonly held definitions of these terms and discuss the relationship of each of these terms. Attempts to develop logical limit state design methods have shown that the concepts of probabilistic design methods.

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DOI: 10.70803/001c.140842

¹ President, Kariotis and assoc., Inc., South Pasadena, CA, TMS Member.