THE MULTIPLE ORTOGONAL POLYNOMIAL MODEL WITH NORMAL DISTRIBUTION IN THE MADEIRA FADIGA STUDY

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Abstract: The aim this present work was to present the orthogonal polynomial model with normal distribution to estimate the fatigue life in glued laminated timber the joined finger joints. The results show that the Multiple Orthogonal Polynomial model of the normal distribution based on a factorial design, was a adequate for the study of fatigue life in glued laminated timber the joined finger joints.

Keywords: Fatigue; wood; orthogonal polynomial model.

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