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13. ABSTRACT (Maximum 200 words) The purpose of this investigation was to obtain a better understanding of variations in the stability response of stone armor when used on breakwater trunks. More specifically, the goal was to quantify the random variations that may occur from one test to another. Based on results of model tests described herein, it was determined that breakwater stability may be greatly affected by random variations in testing; thus, repeat testing is a must. Also, test results clearly show the influence of wave period with the lower stabilities occurring at the lower values of d/L, i.e., longer wave periods in shallower water.				
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