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Contract Report

An Investigation Conducted by
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Brief Instructions for Subroutine SIMBAT, A Computer Package for Unconditional and Conditional Simulation of Ocean Wave Kinematics

ABSTRACT SIMBAT is a FORTRAN subroutine for computer simulation of ocean wave kinematics. Given an estimate of directional wave spectrum, the program calculates kinematics in the irregular wave field. These calculations can be conditioned on a particular kinematic or surface elevation time series. Brief instructions for use of SIMBAT are given.