

# CONTINUOUS AND DISCRETE ROGUE WAVES FOR DIFFERENT INITIAL CONDITIONS

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Rogue waves surprisingly appear on the sea surface and they have large amplitude [1]. These waves occur in open water and can be excessively dangerous for several reasons. An important one is unpredictability, their interesting feature appears without warning and disappears like it never happened [2]. Their living time is very short and they are at least two times higher than rest of the sea and they can be observed in many physical fields [3, 4, 5, 6]. Rogue waves sensitively depend on initial conditions. In this study, we show that even small changes in initial conditions affect strikingly rogue wave evolution.

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