Abstract Submitted
for the DFD20 Meeting of
The American Physical Society

Propagating localized structures in a 1D Faraday experiment
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Buenos Aires — h $-abstract-$ \pard \f2 In a previous communication -March meet-
ing 2020- we presented the first experimental evidence of the?[U+2028]existence of
trains of propagating oscillons or localized structures in a 1D Faraday experiment
in water. \pardIn this work we present a quantitative analysis of their dynamics as
well as the dynamics of phase diffusion. results indicate that this scenario can be
well modelled by the use of a modified version of the parametrically driven damped
non-linear Schrödinger equation.?[U+2028]?[U+2028]\pard-/abstract-\

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Date submitted: 10 Aug 2020   Electronic form version 1.4