Accepted Manuscript

Mathematical model for pest-insect control using mating disruption and trapping

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 PII:
 S0307-904X(17)30508-5

 DOI:
 10.1016/j.apm.2017.07.060

 Reference:
 APM 11910

To appear in:

Applied Mathematical Modelling

Received date:16 June 2016Revised date:20 July 2017Accepted date:31 July 2017

Please cite this article as: Roumen Anguelov, Claire Dufourd, Yves Dumont, Mathematical model for pest-insect control using mating disruption and trapping, *Applied Mathematical Modelling* (2017), doi: 10.1016/j.apm.2017.07.060

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Highlights

- Piecewise-smooth dynamical systems used to model pest-insect control via pheromone mating disruption and trapping.
- Small or invading populations can be controlled with relatively low level of control
- Highly nonlinear discontinuous response to the control of an established population

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