

# Stochastic modelling for growing dynamics of *Aedes aegypti*

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## Abstract

A continuous stochastic model as non - homogeneous bivariate process of birth - death which partial differential equations are deduced from probability generating function (p.g.f.), cumulant generating function (c.g.f.) and differential equations system to the first moments: Mean, variance and covariance, is presented. Finally, simulation system to two setting, are shown.