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Stationary distribution of a stochastic predator-prey model with distributed delay and general functional response

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## ACCEPTED MANUSCRIPT

\*Highlights (for review)

## Highlights

•Stochastic predator-prey model with distributed delay and general functional response is studied.

•We transform the model with weak kernel case into an equivalent system.

•The densities of the distributions of the solutions can be proved converge to an invariant density.

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