

Analysis and control of Trojan Y-Chromosome strategy of an invasive species

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The Trojan Y-Chromosome (TYC) strategy, an autocidal genetic biocontrol method, has been proposed to eliminate invasive alien species. In this presentation, I will discuss recent developments on mathematical models and the optimal implementation of TYC strategy of an invasive species.

References

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- [3] X. Wang, J. Walton, R. Parshad, K. Storey and M. Boggles. *Analysis of the Trojan Y-Chromosome eradication strategy for an invasive species*. Journal of Mathematical Biology, 68(7)(2014), 1731-1756.