

Describing biological invasions with PDEs

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Goal: explain an important theorem, pertaining to both PDEs and theoretical ecology.

The character



Introduced in Europe in 1905 for its fur. Some specimens have escaped and spread.

The result

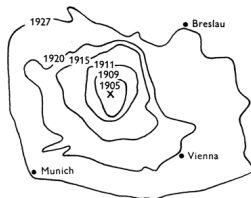


Fig. 1

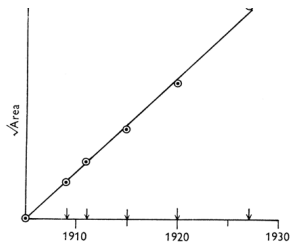


Fig. 2

Reported in Skellam, *Random dispersal in theoretical populations*, 1951.