

Contents

- [Welcome](#)
 - [Presentation](#)
 - [Softwares](#)
-

Tutorials

Population

- [Introduction](#)

Structure

- [Spatial Pattern](#)

Dynamics

Density-independent

- [Exponential Growth](#)
- [Environmental Stochasticity](#)
- [Demographic Stochasticity](#)

Density-dependent

- [Logistic Model](#)
- [Allee Effect](#)

Strutured Population

- [Matrix Model](#)
- [Density-dependent](#)
- [Sensibility e Elasticity](#)

Metapopulation

- [Introduction](#)

Single Species

- [Propagule Rain](#)

- [Internal Colonization](#)
- [Rescue Effect](#)

Two Species

- [Metapopulations Coexistence](#)
- [Habitat Destruction](#)

Community

- [Introduction](#)

Estrutura

- [Virtual Community](#)
- [Clustering](#)
- [Ordination](#)

Dynamics and Disturbances

- [Diversity and Stability](#)
- [Disturbance and Coexistence](#) * [Classic Tradeoff](#)
- [Ecological Sucession](#)
- [Regeneration Niche](#)

Dinâmicas Neutras

- [Island Biogeography](#)
- [Neutral Theory of Biodiversity](#)

Mathematics & Statistics

- [Introduction](#)

Differential and Integral Calculus

- [Growth rates and Exponential Function](#)
- [Antiderivatives and definite integral](#)
- [Introduction to Differential Equations](#)
- [Numerical Integration of Differential Equations](#)
- [Stability Analysis](#)

Stochastic Processes

- [Random Walk](#)
- [Zero-sum Dynamics](#)

Links Externos



Visitors

From:

<http://ecovirtual.ib.usp.br/> -

Permanent link:

<http://ecovirtual.ib.usp.br/doku.php?id=en:ecovirt:roteiro:neutr:sidebar&rev=1663255148>



Last update: **2022/09/15 12:19**