

# Age structure of nonlinear time-dependent compartmental models

Holger Metzler

Max Planck Institute for Biogeochemistry

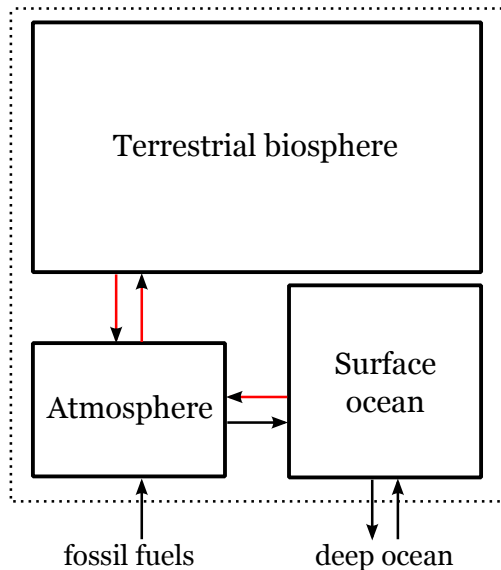
February 15, 2017

## Theoretical Ecosystem Ecology

(Carlos Sierra)



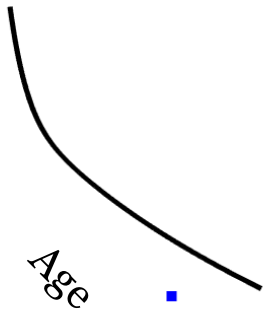
# Nonlinear global carbon cycle model



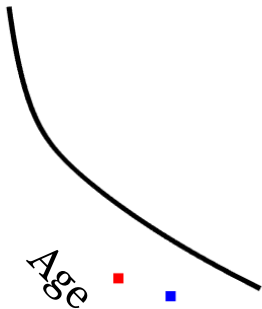
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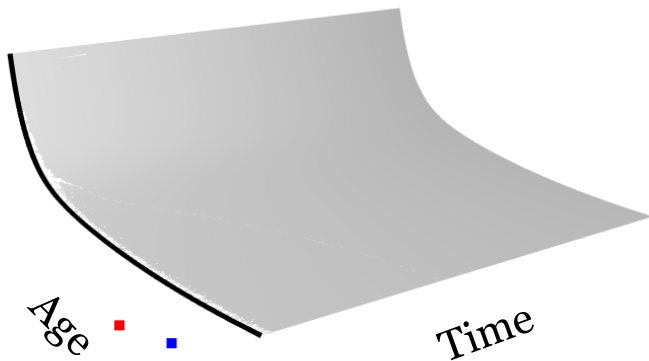
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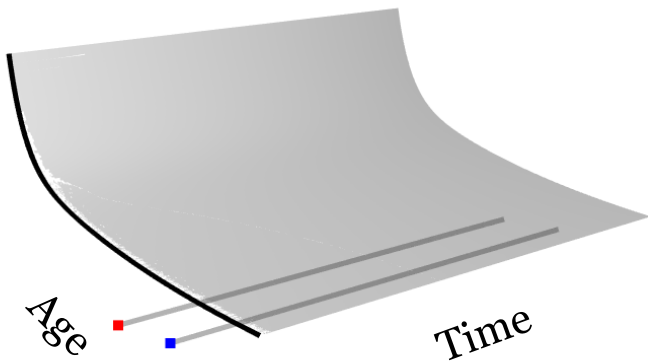
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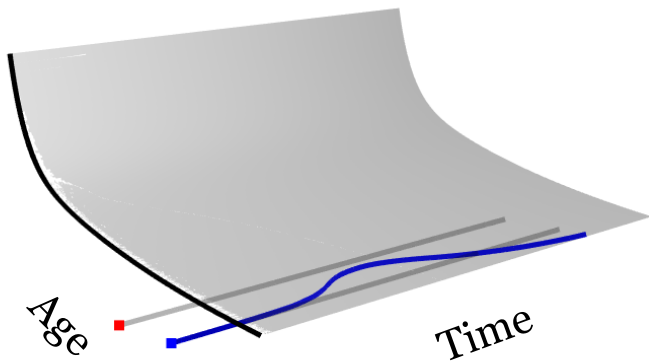
# System age



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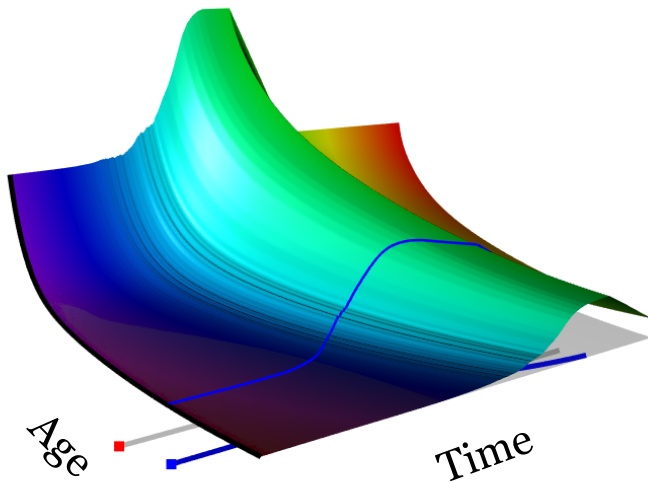


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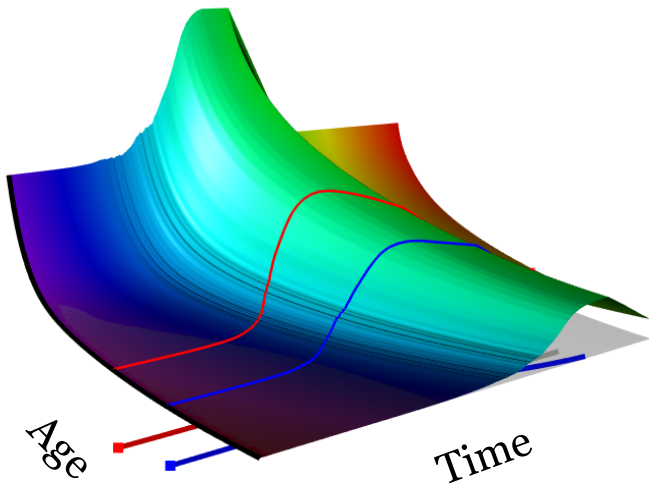




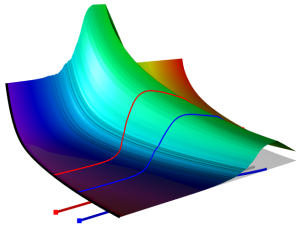
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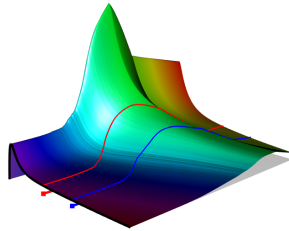
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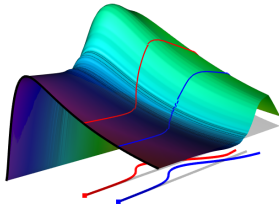
System



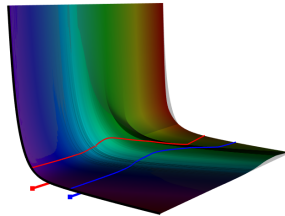
Atmosphere



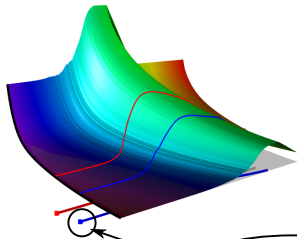
Terrestrial biosphere



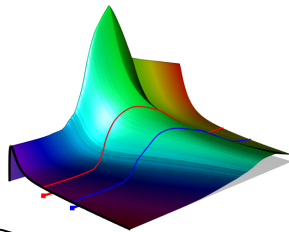
Surface ocean



System

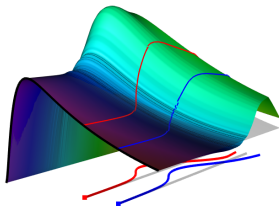


Atmosphere



early 2016

Terrestrial biosphere



Surface ocean

