

Accuracy of two-temperature model: low-energy case

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Abstract

We study the computational aspects of two-temperature heat conduction in case of linear transport coefficients related to electron and lattice subsystems. Several popular finite-difference schemes were compared with commercial finite-element solver revealing the significant dependence of maximum temperature on the spatial-step error.

Introduction

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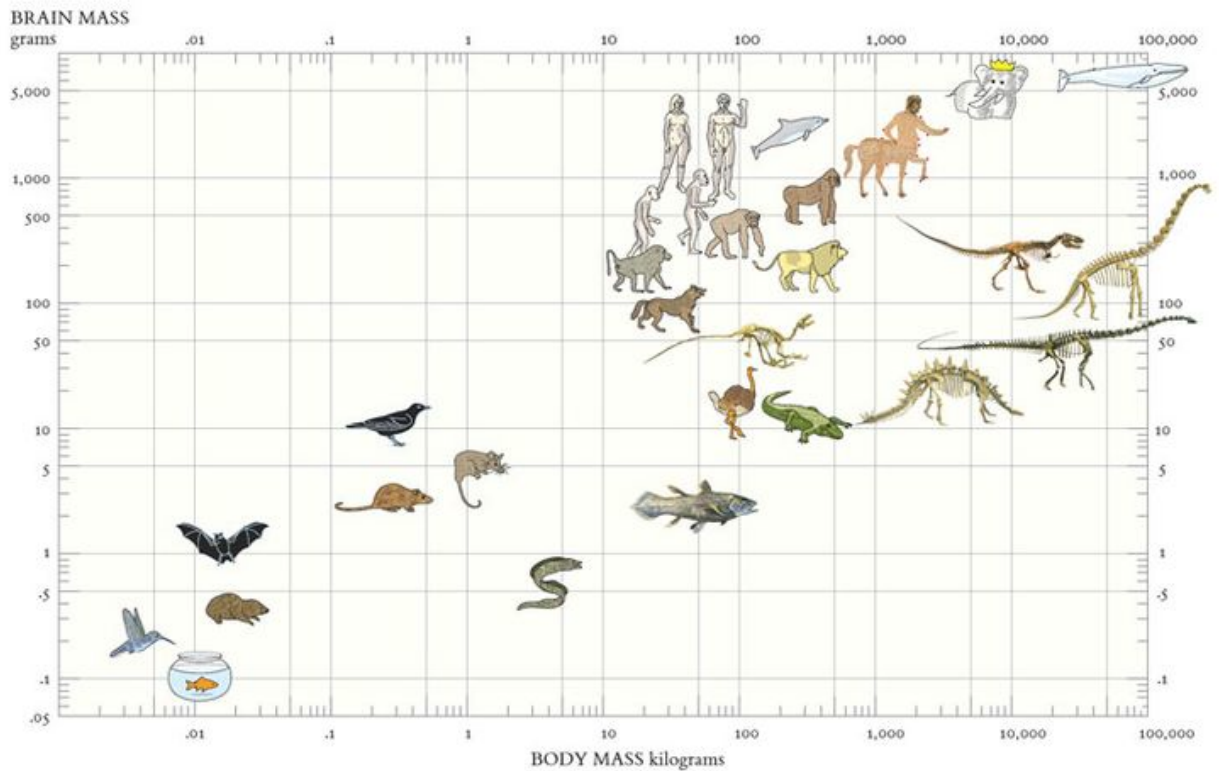


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Acknowledgements

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