A STUDY OF THE IMPLEMENTATION OF QUALITATIVELY ACCURATE ECONOMICAL MODELS USING STOCHASTIC PROCESSES

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http://github.com/kingoslo/batmobile

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ABSTRACT

This is a report submission for the first project of «Computational physics 2» at the Institute of Physics, University of Oslo, autumn 2016.

INTRODUCTION

A.

The report is structured by «introduction»-, «methods»-, «results and discussion»- and finally a «conclusion and perspectives»-sections.

METHODS

Suppose $\lfloor \cdot \rfloor$ denotes the floor function on $\mathbb{R}$, then we know that the Hermite polynomials are given by

$$H_n(x) = n! \sum_{m=0}^{\lfloor n/2 \rfloor} \frac{(-1)^m}{m!(n-2m)!} (2x)^{n-2m}.$$

`(nx,ny,spin,energy)`:

RESULTS AND DISCUSSION

CONCLUSION AND PERSPECTIVES

APPENDIX

LITERATURE CITED

[1] Alain F. Zuur et al. *Mixed Effects Models and Extensions in Ecology with R*. 1st ed. New York: Springer, 2008.