Event driven simulation of a 2-dimensional gas

Sondre Duna Lundemo†

Department of Physics, Norwegian University of Science and Technology, Trondheim Norway
TFY4235 - Computational physics
(Last updated on January 24, 2021)

An event driven approach is used to simulate a gas of hard discs in two dimensions. The framework built is used to study statistical properties of the gas at and towards equilibrium. The numerical results are compared with well known results from classical statistical mechanics.

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