



Mathematical Physics

Markov evolutions and hierarchical equations in the continuum: II. Multicomponent systems

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(Submitted on 24 Jun 2011)

General birth-and-death as well as hopping stochastic dynamics of infinite multicomponent particle systems in the continuum are considered. We derive the corresponding evolution equations for quasi-observables and correlation functions. We also present sufficient conditions that allows us to consider these equations on suitable Banach spaces.

Comments: 31 pages
Subjects: **Mathematical Physics (math-ph)**
MSC classes: 82C22, 60K35
Cite as: [arXiv:1106.4946 \[math-ph\]](#)
(or [arXiv:1106.4946v1 \[math-ph\]](#) for this version)

Submission history

From: [Maria João Oliveira \[view email\]](#)
[v1] Fri, 24 Jun 2011 11:55:59 GMT (21kb)

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