

המחלקה למתמטיקה, בן-גוריון

הסתברות ותורה ארגודית

ביום שלישי, 23 ביוני, 2015

בשעה 10:50 – 12:00

ב-101 Math

ההרצאה

branching Markovian continuous time Multi-type systems critical sub in process

חינתן על-ידי

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חקציר: The Stochastic Transport Equation describes the number distribution of a population governed by birth and death rates, often referred to as a "Continuous branching Markovian time process". In this particular system, the branching processes are common models of neutron population. In the context of the Feynman-alpha method, we study the In system. The moments used to evaluate the decay rate of the In system are extended into a multi-type setting. We have demonstrated classic results that have a very elegant Matricidal representation, used.