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equation (in other words, a solution for $t \geq 1$). Use this equation to obtain the time evolution $\langle N(t) \rangle$ of the average value of N .
Compare this analytical form with the results of your simulations. ***
Note that $\langle N(t) \rangle = \sum_N N P(N, t)$: Using the stochastic equation,

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it is easy to see that $\langle N^{-1} \rangle_{t+\tau} = \frac{1}{2} \langle N^{-1} \rangle_{t+1}$; which leads to the solution $\langle N^{-1} \rangle_t = C \frac{1}{2} \langle N^{-1} \rangle_{t+N}$;

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of the properties of matter from an atomistic point of view.

Statistical mechanics: advanced course with problems and ...

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/ Ryogo Kubo; in cooperation with Hiroshi Ichimura, Tsunemaru

Usui, Natsuki Hashizume. Author: Kubo, Ry go, 1920-1995 viaf

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Publisher: Amsterdam : North-Holland, 1965. Description: xii, 425 p. ;

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