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equation (in other words, a solution for $t \neq 1$). Use this equation to obtain the time evolution $\langle N^{-1}(t) \rangle$ of the average value of N^{-1} . Compare this analytical form with the results of your simulations. *** Note that $\langle N^{-1}(t) \rangle = \langle X^{-1}(N^{-1}(t)) \rangle$: Using the stochastic equation, it is easy to see that $\langle N^{-1}(t+\Delta t) \rangle = \langle N^{-1}(t) \rangle + \frac{1}{2} \langle N^{-2}(t) \rangle \Delta t$; which leads to the solution $\langle N^{-1}(t) \rangle = \frac{1}{2} \langle N^{-2}(t) \rangle + \langle N^{-1}(t) \rangle$;

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Statistical mechanics: advanced course with problems and ...

Statistical mechanics : an advanced course with problems and solutions / Ryogo Kubo; in cooperation with Hiroshi Ichimura, Tsunemaru Usui, Natsuki Hashizume. Author: Kubo, Ry?go, 1920-1995 viaf Hashitsume, Natsuki viaf Ichimura, Hiroshi Usui, Tsunemaru Publisher: Amsterdam : North-Holland, 1965. Description: xii, 425 p. ; 23 cm. Note:

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