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equation (in other words, a solution for $t \geq 1$). 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 $\langle N_1(t) \rangle = \sum_{N_1} N_1 P(N_1; t)$: Using the stochastic equation, it is easy to see that $\langle N_1(t+\Delta t) \rangle = \langle N_1(t) \rangle + \Delta t \langle \dot{N}_1 \rangle$; which leads to the solution $\langle N_1(t) \rangle = C_1 e^{-\lambda t} + N_1^0$;

Solutions Manual for Introduction to Statistical Physics ...

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Instructor's Manual Containing Solutions to Over 280 Problems Selected from Statistical Mechanics Third Edition By R K Pathria and Paul D Beale
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Statistical Mechanics

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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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