Assignment #3

Foundation of Physics: Phys 1001

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Due: Oct 5, 2011

Do problems #54, #64 and #82 of the book (Chapter 2).

Hint #82: The time sequqnence is $t_j = jt_1$ with $j = 2, 3, \ldots, n$. So prove that $L_j = (2j + 1)L_0$ with $j = 1, 2, \ldots, n$. Justify each step!

Do problems #6 and #12 of the book (Chapter 3).