



THE  
**NEW ZEALAND GAZETTE**  
EXTRAORDINARY

Published by Authority

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WELLINGTON, TUESDAY, AUGUST 31, 1943

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*Meeting of the General Assembly*

[L.S.]

C. L. N. NEWALL, Governor-General

A PROCLAMATION

TO ALL WHOM IT MAY CONCERN: GREETING.

**K** NOW ye that I, Cyril Louis Norton Newall, the Governor-General of the Dominion of New Zealand, being desirous that the General Assembly of New Zealand should be holden as soon as may be, do hereby summon and call together the said General Assembly to meet at the Parliament Houses, situated in Bowen Street, in the City of Wellington, on Thursday, the twenty-first day of October, one thousand nine hundred and forty-three, at twelve of the clock at noon.

Given under the hand of His Excellency the Governor-General of the Dominion of New Zealand, and issued under the Seal of that Dominion, this 30th day of August, 1943.

P. FRASER.

GOD SAVE THE KING!

By Authority: E. V. PAUL, Government Printer, Wellington.

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 350

PROBLEM SET 10

Due: Friday, November 12, 2010

1. A particle of mass  $m$  moves in a potential  $V(x) = \frac{1}{2}kx^2$ . The energy of the particle is  $E$ . Find the period of oscillation.

2. A particle of mass  $m$  moves in a potential  $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4$ . Find the period of oscillation for small amplitudes.