Computational Phy. Hw3 E tot = mr w2(x) + mgh 32(x) - mgh $= \Theta_{0} + \Psi T W_{0} ; GH) = \Theta_{0}^{2} + 2TW_{0} + t^{2}W_{0}^{2}$ $) = W_{0} + T \frac{dW_{0}}{dt} ; WH) = W_{0}^{2} + 2T\frac{dW_{0}}{dt} + T^{2}(\frac{dW_{0}}{dt})^{2}$ Ext = ml w + 2ml thu. + ml thus + mgl w + 2T + const. = ml2 t dwo > + ml2 t dwo + const. X = 34 = N(4)(C) 心"(4)つ

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