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A Ball Vertically In A Moving Car $X X Vt Yy Zz \dots$ (You

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 This Theory, The 4 Components Of A . However, We
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 Sol. $U_0 = 1 + Gx$ Where G is A Constant. (a) Please
 Compute U_1 And V As A Function Of U_0 . Please Leave
 Your Answer (for This Part) In Terms Of U_0 ; No Need To
 Expand Out The Relation Explicitly. Sol. We Simply
 Compute: $U_1 = P 1 + (U_0)^2 = P 2gx + G^2x^2$ And Thus:
 $V = U_1 U_0 = P 2gx + G^2x^2 1 + Gx$ (b) Calculate $V(x)$ In
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