

1 Introduction

Today is 20211211, and I decided to note down all of my knowledge about problems in this notebook. Actually we think for a while whether to separate the knowledge into different documents.

2 Physics

2.1 Energy

2.1.1 T0001

The coordinate of free fall ball ends. With energy equation, we have $GH = \mu G\xi kH$, considering of the backward length, we draw the figure and it can be transferred from the figure $y = |x|$. We have the coordinate at $[1 - |(\mu k)^{-1} \pmod{2} - 1|]kH$.

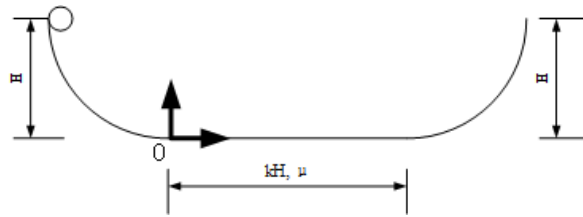


图 1: [T0001: Where the ball ends]