

15112 Physics Mechanics Laboratory - ssbhandla

Title Page

Physics Mechanics Laboratory

Experiment 1

Experiment 2

Experiment 3

Phys Sandbox

Experiment #1

Exp #1
Elastic Collision

Ball1

Ball2

Go!

Show
Eq's

$$m_1 v_{1i} + m_2 v_{2i} = m_1 v_{1f} + m_2 v_{2f}$$
$$(20)(5) + (20)(6) = \dots$$



app.mode = 0

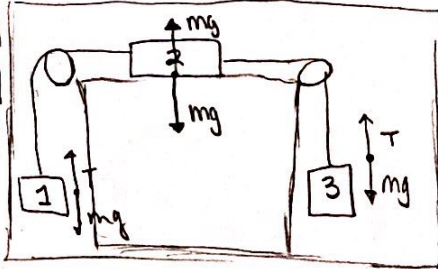
Experiment #2

EXP #2:
Forces

Block1

Block2

Block3



Friction

Show
Forces

Show
Equation

app.mode = 1

Experiment #3

Exp #3:
Projectile Motion

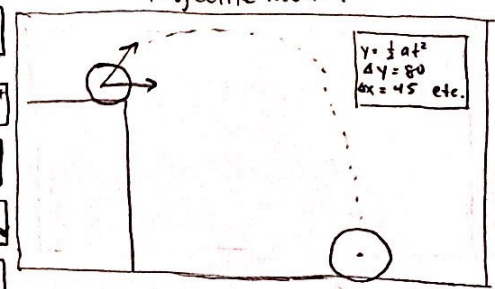
Adjust
Height

Adjust
Angle

Adjust
Velocity

Show
Equation

Go!



app.mode = 2

Sandbox

Physics Sandbox!

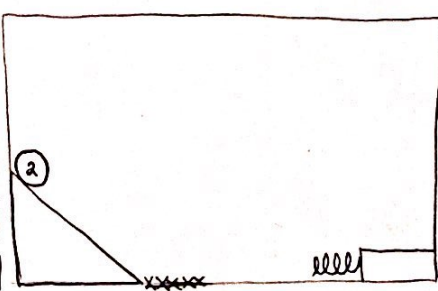
Ramp

Ball

Spring

Block

Go!



Friction

app.mode = 3

Experiment #3 (continued)

Adj
Hgt

Adj
Angle

Adj
vel

Show
Eq's

Go!

