Forces and Interactions in STEP

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Lesson Outline

- In this tutorial we will look at how to add forces

Lesson Outline

Click on Applications, Education and scroll down to STEP to open it

Lesson Outline

For an introduction to STEP, please see www.spoken-tutorial.org

In this tutorial, I have worked on Ubuntu version 10.04 LTS and STEP version 0.1.0

Public Software Centre

IT for Change

Talk to a Teacher

Lesson Outline

Add springs

Lesson Outline

Simulate a linear motor

Lesson Outline

Simulate a circular motor

Lesson Outline

Add gravitational forces

Lesson Outline

Add a tracer

Assignment

Introduce two charged particles

Assignment

One is positive and the other is negative

Assignment

Add the electrostatic force

Assignment

Simulate the interaction when both particles are at rest

Assignment

Simulate when one of the particles is moving

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Acknowledgement

More information:

http://spoken-tutorial.org/NMEICT-Intro

Acknowledgement

Thank you