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# **SSW\_Sphinx Documentation**

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**Introduction**

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This shows how to install the module and some other stuff!





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**Source code**

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## 2.1 ssw\_sphinx.gravity module

**Module** ssw\_sphinx

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**class** ssw\_sphinx.gravity.**Gravity**(*v0*)

This class knows how to handle gravity

And here is a lot of more info .....

**Parameters** *v0* (*float*) – Initial velocity

**Variables** *g* – Gravity constant

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**Note:** This class is completely useless

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**Warning:** Make sure you know how to handle gravity

**speed**(*t*)

Computes the speed at time *t*

Computes the speed at time *t* using the formula

$$v(t) = v_0 t - \frac{gt^2}{2}$$

**Parameters** *t* (*float*) – Time for which we want to compute the speed

**Return type** float

**Returns** Speed at time *t*

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**Todo**

Check that *t* is non-negative

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## Indices and tables

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