

Reference vectors32 module

Help on module vectors32.vectors32 in vectors32:

NAME

vectors32.vectors32

DESCRIPTION

vectors32.py - module for Vector class, basic operation of vector algebra. Python 3.2

CLASSES

builtins.object

Vector

class Vector(builtins.object)

Methods defined here:

`__add__(self, other)`

Vector addition.

`__eq__(self, other)`

Verify that two vectors are equal.

`__init__(self, x=0, y=0, z=0)`

`__mul__(self, other)`

Scalar ("dot") product [*].

`self [.] other` when other is Vector,

`self * other` when other is number,

i.e. `other==Vector --> x product self x other`

`other==scalar --> multiply vector by scalar.`

This method is invoked by * symbol!

`__pow__(self, other)`

[**] Vector product self x other.

`__repr__(self)`

`__rmul__(self, other)`

number * vector --> vector

`__str__(self)`

Vector string for printing.

`__sub__(self, other)`

Vector subtraction.

Data descriptors defined here:

normalize

Reduce vector size to 1.0 and return it to the caller.

size

Determine the magnitude ('size') of the vector
and return it to the caller.

x

y

z

Data and other attributes defined here:

`__hash__ = None`

VERSION

0.0.5

FILE

`/usr/local/lib/python3.2/dist-packages/vectors32/vectors32.py`