

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