
QC Project

Release 0.01

Group 5

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GATES MODULE

Note: This code is still under development and until the version is incremented to a 1.* you should not trust any of this documentation.

class gates.**Gate**(*matrix: ndarray*)

This is the gate object which we will document properly now.

Note: This class should not be called directly. It is a super class for the gates below.

class gates.**H**

TENSOR MODULE TEST SUITE

This module tests the classes included in the tensor module.

```
class tests.test_tensor.TestOperator(methodName='runTest')
```

```
class tests.test_tensor.TestVector(methodName='runTest')
```

This class aims to provide end to end testing of the Vector class within the tensor module.

The purpose of each test and the method by which it is validated is outlined below.

```
test_vector_construction()
```

This test aims to check...

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