

torch.linalg

Common linear algebra operations.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\ (pytorch-master) (docs) (source) linalg.rst, line 9)

Unknown directive type "automodule".

```
.. automodule:: torch.linalg
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\ (pytorch-master) (docs) (source) linalg.rst, line 10)

Unknown directive type "currentmodule".

```
.. currentmodule:: torch.linalg
```

Matrix Properties

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\ (pytorch-master) (docs) (source) linalg.rst, line 15)

Unknown directive type "autosummary".

```
.. autosummary::
   :toctree: generated
   :nosignatures:

   norm
   vector_norm
   matrix_norm
   diagonal
   det
   slogdet
   cond
   matrix_rank
```

Decompositions

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\ (pytorch-master) (docs) (source) linalg.rst, line 31)

Unknown directive type "autosummary".

```
.. autosummary::
   :toctree: generated
   :nosignatures:

   cholesky
   qr
   lu_factor
   eig
   eigvals
   eigh
   eigvalsh
   svd
   svdvals
```

Solvers

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\ (pytorch-master) (docs) (source) linalg.rst, line 48)

Unknown directive type "autosummary".

```
.. autosummary::
   :toctree: generated
   :nosignatures:

   solve
   solve_triangular
   lstsq
```

Inverses

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\ (pytorch-master) (docs) (source) linalg.rst, line 59)

Unknown directive type "autosummary".

```
.. autosummary::
   :toctree: generated
   :nosignatures:

   inv
   pinv
```

Matrix Functions

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\ (pytorch-master) (docs) (source) linalg.rst, line 69)

Unknown directive type "autosummary".

```
.. autosummary::
   :toctree: generated
   :nosignatures:

   matrix_exp
   matrix_power
```

Matrix Products

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\ (pytorch-master) (docs) (source) linalg.rst, line 79)

Unknown directive type "autosummary".

```
.. autosummary::
   :toctree: generated
   :nosignatures:

   cross
   matmul
   multi_dot
   householder_product
```

Tensor Operations

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\ (pytorch-master) (docs) (source) linalg.rst, line 91)

Unknown directive type "autosummary".

```
.. autosummary::
   :toctree: generated
   :nosignatures:

   tensorinv
   tensorsolve
```

Experimental Functions

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\pytorch-master) (docs) (source) linalg.rst, line 100)

Unknown directive type "autosummary".

```
.. autosummary::  
    :toctree: generated  
    :nosignatures:  
  
    cholesky_ex  
    inv_ex  
    lu_factor_ex
```