

Operator

- **shape**
- dim
- codim
- asop()
- squeeze()
- expr()
- operator arithmetic rules

Arithmetic Rules

- Scale
- ArgScale
- ArgShift
- Add
- Chain
- Power

Legend

- attribute
- method()
- can_be_defined
- **must_be_defined**

Map

- lipschitz
- **apply()**

Func

- lipschitz
- **apply()**
- asloss()

ProxFunc

- lipschitz
- **apply()**
- **prox()**
- fenchel_prox()
- moreau_envelope()

DiffMap

- lipschitz
- diff_lipschitz
- **apply()**
- **jacobian()**

DiffFunc

- lipschitz
- diff_lipschitz
- **apply()**
- **grad()**

ProxDiffFunc

- lipschitz
- diff_lipschitz
- **apply()**
- **grad()**
- **prox()**

LinOp

- lipschitz
- **apply()**
- **adjoint()**
- transpose() / T()
- lipschitz()
- jacobian()
- gram() / cogram()
- svdvals()
- pinv() / dagger()
- to_sciop() / from_sciop()
- asarray() / from_array()

LinFunc

- lipschitz
- **apply()**
- **adjoint()**
- grad()
- jacobian()
- prox()
- fenchel_prox()
- lipschitz()
- svdvals()
- transpose()
- cogram()
- asarray() / from_array()

SquareOp

- trace()

ProjOp

OrthProjOp

PosDefOp

NormalOp

- eigvals()
- cogram()

SelfAdjOp

- adjoint()
- transpose()
- eigvals()

UnitOp

- lipschitz()
- pinv() / dagger()
- gram()
- svdvals()