abaisero.sty

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Option [math]

Symbol	Command	Description
$\mathbb{Z}$	\naturalset	the set of natural numbers
$\mathbb{R}$	\realset	the set of real numbers
sign	\sign	
softmax	\softmax	
softmin	\softmin	

Option [linalg]

Symbol	Command	Description
diag	\diag	
rank	\rank	
tr	\trace	
col	\colspace	
span	\spanspace	
$\top$	\T	Transpose
-1	\I	Inverse
$\dagger$	\PI	Pseudo-inverse
$-\top$	\IT	Inverse transpose

Option [optim]

Symbol	Command	Description
argmax	\argmax	
argmin	\argmin	

Option [stats]

Symbol	Command	Description
$\mathbb{C}$	\Cov	Covariance
$\mathbb{H}$	\Ent	Entropy
$\mathbb{E}$	\Exp	Expectation
$\mathbb{I}$	\Ind	indicator function
KL	\KL	KL-divergence
D_{KL}	\DKL	KL-divergence (alternative)
$\mathbb{I}$	\MI	Mutual Information
$\mathbb{V}$	\Var	Variance

Option [dists]

Symbol	Command	Description
Categorical	\Categorical	Categorical
Dirichlet	\Dirichlet	Dirichlet
Normal	\Normal	Normal
Uniform	\Uniform	Uniform

Option [ml]

Symbol	Command	Description
$\mathcal{D}$	\data	Data set
$\mathcal{L}$	\loss	Loss function
nll	\nll	Neg-log-likelihood
MSE	\mse	Mean-squared-error

Option [rl]

Symbol	Command	Description
$\mathcal{A}$	\aset	Action set
$\mathcal{B}$	\bset	Belief set
$\mathcal{H}$	\hset	History set
$\mathcal{O}$	\oset	Observation set
$\mathcal{R}$	\rset	Reward set
$\mathcal{S}$	\sset	State set
D	\dfn	Dynamics function
O	\ofn	Observation function
R	\rfn	Reward function
T	\tfn	Transition function