computeOptimCriteria

Object function to compute the loss of a fully initialized and tuned regression model. Computes the mean std. log. loss of angles MSLLA or radius MSLLR as function evaluation value for bayesopt. Perform noise adjustment in cylces in bayesopt.

Syntax

```
MSLL = computeOptimCriteria(OptVar, Mdl, TestDS, SLL, verbose)
```

Description

MSLL = computeOptimCriteria(OptVar, Mdl, TestDS, SLL, verbose)

Input Argurments

OptVar optimzation variable. Noise level passed by bayesopt algorithm.

MdI model struct.

TestDS loaded test data by infront processesed sensor array simulation.

SLL indicates which loss is used for MSLL. SLLA for angle and SLLR for radius.

verbose activates prompt for true or 1. Vice versa for false or 0.

Output Argurments

MSLL mean standardized logarithmic loss. Function evaluation value for optimGPR

Requirements

- Other m-files required: None
- Subfunctions: tuneKernel, lossDS, mean
- MAT-files required: None

See Also

- optimGPR
- tuneKernel
- lossDS
- mean

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