Module: tf.contrib.kfac

Contents

Modules

Defined in `tensorflow/contrib/kfac/__init__.py`.

Kronecker-factored Approximate Curvature Optimizer.

Modules

`curvature_matrix_vector_products` module: Curvature matrix-vector multiplication.

`estimator` module: Defines the high-level Fisher estimator class.

`fisher_blocks` module: FisherBlock definitions.

`fisher_factors` module: FisherFactor definitions.

`layer_collection` module: Registry for layers and their parameters/variables.

`loss_functions` module: Loss functions to be used by LayerCollection.

`op_queue` module: Helper for choosing which op to run next in a distributed setting.

`optimizer` module: The KFAC optimizer.

`utils` module: Utility functions.

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