tf.ifft

Contents

Aliases:

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- `tf.ifft`
- `tf.spectral.ifft`

```
ifft(
    input,
    name=None
)
```

Defined in `tensorflow/python/ops/gen_spectral_ops.py`.

See the guide: Spectral Functions > Discrete Fourier Transforms

Inverse fast Fourier transform.

Computes the inverse 1-dimensional discrete Fourier transform over the inner-most dimension of `input`.

Args:

- `input`: A `Tensor` of type `complex64`. A complex64 tensor.
- `name`: A name for the operation (optional).

Returns:

A `Tensor` of type `complex64`. A complex64 tensor of the same shape as `input`. The inner-most dimension of `input` is replaced with its inverse 1D Fourier transform.

numpy compatibility

Equivalent to np.fft.ifft

Last updated November 2, 2017.

Support

Issue Tracker

Release Notes

Stack Overflow

English

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