tf.ifft2d

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> Aliases:

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- `tf.ifft2d`
- `tf.spectral.ifft2d`

```
ifft2d(
    input,
    name=None
)
```

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

See the guide: Spectral Functions > Discrete Fourier Transforms

Inverse 2D fast Fourier transform.

Computes the inverse 2-dimensional discrete Fourier transform over the inner-most 2 dimensions 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 2 dimensions of `input` are replaced with their inverse 2D Fourier transform.

numpy compatibility

Equivalent to np.fft.ifft2

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