

## tf.erf

```
erf(  
    x,  
    name=None  
)
```

Defined in [tensorflow/python/ops/math\\_ops.py](#).

See the guide: [Math > Basic Math Functions](#)

Computes the Gauss error function of `x` element-wise.

## Args:

- `x`: A `Tensor` of `SparseTensor`. Must be one of the following types: `half`, `float32`, `float64`.
- `name`: A name for the operation (optional).

## Returns:

A `Tensor` or `SparseTensor`, respectively. Has the same type as `x`.

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