tensor.erf

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```

Copy fnerf(self:@Tensor)->Tensor;

```

Computes the mean of the input tensor's elements along the provided axes.

Returns

A newTensor of the same shape as the input tensor with the the error function of the input tensor computed element-wise.

Type Constraints

Constrain input and output types to fixed point tensors.

Examples

```

Copy usecore::array::{ArrayTrait,SpanTrait};

useorion::operators::tensor::{TensorTrait,Tensor,FP16x16Tensor}; useorion::numbers::{FixedTrait,FP16x16};

fnerf_example()->Tensor { // The erf inputs is [1.0, 0.134, 0.520, 2.0, 3.5, 5.164] lettensor=TensorTrait:::new( shape:array![6].span(), data:array![ FixedTrait::new_unscaled(65536,false), FixedTrait::new_unscaled(8832,false), FixedTrait::new_unscaled(34079,false), FixedTrait::new_unscaled(131072,false), FixedTrait::new_unscaled(229376,false), FixedTrait::new_unscaled(338428,false), ] .span(), );

returntensor.erf(); }

                    [55227,9560,35252,65229,65536,65536]

```

Previous tensor.not Next tensor.reduce_log_sum

Last updated2 months ago