tensor.and

tensor.and

```

Copy fnand(self:@Tensor, other:@Tensor)->Tensor;

```

Computes the logical AND of two tensors element-wise. The input tensors must have either:

- Exactly the same shape
- The same number of dimensions and the length of each dimension is either a common length or 1.
-

Args

- self
- (@Tensor
-) - The first tensor to be compared
- other
- (@Tensor
-) - The second tensor to be compared
-

Panics

- Panics if the shapes are not equal or broadcastable
-

Returns

A newTensor with the same shape as the broadcasted inputs.

Examples

```

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

useorion::operators::tensor::{TensorTrait,Tensor,BoolTensor};

fnand_example()->Tensor { lettensor_1=TensorTrait:::new( shape:array![3,3].span(), data:array!
[false,true,false,false,false,true,true,false,true,false,false,true].span(), );

lettensor_2=TensorTrait::::new( shape:array![3,3].span(), data:array!
[false,false,true,true,false,true,false,true,false,true,false,true].span(), );

returntensor_1.and(@tensor_2); }

                    [false,false,false,false,false,true,false,false,false,false,false,true]

```

Previous tensor.identity Next tensor.where

Last updated1 month ago