

# tensor.not

## tensor.not

...

```
Copy fnnot(self:@Tensor)->Tensor<bool;
```

...

Computes the negation of the elements in the bool type input tensor.

Args

- self
- (@Tensor
- ) - The input tensor.
- 

Returns

A newTensor of the same shape as the input tensor with the negation of all elements in the input tensor.

Example

...

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

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

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

```
returntensor.not(); }
```

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

...

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