tensor.is_inf

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```

Copy fnis_inf(self:@Tensor, detect_negative:Option, detect_positive:Option)->Tensor;

```

Maps infinity to true and other values to false.

Args

- self
- (@Tensor
-) - The input tensor.
- detect_negative
- (Option
-) - Optional Whether map negative infinity to true. Default to 1 so that negative infinity induces true.
- detect_positive
- (Option
-) - Optional Whether map positive infinity to true. Default to 1 so that positive infinity induces true.
-

Returns

A newTensor instance with entries set to true iff the input tensors corresponding element was infinity.

Examples

```

Copy usecore::array::{ArrayTrait,SpanTrait}; useorion::operators::tensor::{BoolTensor,TensorTrait,Tensor,U32Tensor};

fnis_inf_example()->Tensor { lettensor=TensorTrait::::new( shape:array![6].span(), data:array![1,0,
NumberTrait::INF(),8,NumberTrait::INF(),NumberTrait::INF()].span(), );

returntensor.is_inf(detect_negative:Option::None, detect_positive:Option::None); }

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

```

Previous tensor.is_nan Next tensor.not

Last updated3 months ago