

# tensor.abs

## tensor.abs

...

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

...

Computes the absolute value of all elements in the input tensor.

Args

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

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

Example

...

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

useorion::operators::tensor::{TensorTrait,Tensor,l32Tensor};

fnabs\_example()->Tensor { lettensor=TensorTrait::new( shape:array![3].span(), data:array![ -1,-2,3 ] .span(), );

returntensor.abs(); }

[1,2,3]

...

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