

nn.relu

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Copy fnrelu(tensor:@Tensor)->Tensor;

...

Applies the rectified linear unit function element-wise

$\text{ReLU}(x) = \max(0, x)$

Args

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

A Tensor with the same shape as the input tensor.

Examples

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

useorion::operators::tensor::{TensorTrait,Tensor,I32Tensor}; useorion::operators::nn::{NNTrait,I32NN};

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

returnNNTrait::relu(@tensor); }

[[1,2],[0,0]]

...

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