

tensor.clip

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Copy fnclip(self:@Tensor, min:T, max:T)->Tensor;

...

Clip operator limits the given input within an interval.

Args

- self
- (@Tensor
-) - Input tensor whose elements to be clipped.
- min
- (Option
-) - Minimum value, under which element is replaced by min.
- max
- (Option
-) - Maximum value, above which element is replaced by max.
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Returns

OutputTensor with clipped input elements.

Example

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

useorion::operators::tensor::{TensorTrait,Tensor,U32Tensor};

fnclip_example()->Tensor { lettensor=TensorTrait::new(shape:array![2,3].span(), data:array![[1,2,3],[4,5,6]].span(),);

returntensor.clip(min:Option::None(()), max:Option::Some(3),); }

[[1.2.3.] [3.3.3.]]

...

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