tensor.array_feature_extractor

```

Copy fnarray_feature_extractor(self:@Tensor, indices:Tensor)->Tensor;

```

Selects elements of the input tensor based on the indices passed applied to the last tensor axis.

Args

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

Panics

- Panics if indices tensor is not 1-dimensional.
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Returns

A newTensor of the same shape as the input tensor with selected elements based on provided indices.

Example

```

Copy usecore::array::{ArrayTrait,SpanTrait}; useorion::operators::tensor::{TensorTrait,Tensor,I32Tensor,U32Tensor};

fnarray_feature_extractor_example()->Tensor { letinput_tensor=TensorTrait::new( shape:array![3,4].span(), data:array![
0,1,2,3, 4,5,6,7, 8,9,10,11 ].span(), );

letindices=TensorTrait::::new( shape:array![2].span(), data:array![1,3].span(), );

returntensor.array_feature_extractor(@input_tensor,@indices); }

                    [[1,3] [5,7] [9,11]]

```

Previous tensor.scatter Next tensor.binarizer

Last updated1 month ago