tensor.gather

```

Copy fngather(self:@Tensor, indices:Tensor, axis:Option)->Tensor;

```

Gather entries of the axis dimension of data.

Args

- self
- (@Tensor
-) - The input tensor.
- indices
- (Tensor
-) - Tensor of indices.
- axis
- (Option
-) - Axis to gather on. Default: axis=0.
-

Panics

- Panics if index values are not within bounds [-s, s-1] along axis of size s.
-

Returns

A newTensor .

Example

```

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

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

fngather_example()->Tensor { lettensor=TensorTrait:::new( shape:array![2,3].span(), data:array![[1,2,3],[4,5,6]].span(), ); letindices=TensorTrait::::new( shape:array![1,1].span(), data:array![1,0].span(), );

returntensor.gather( indices:indices, axis:Option::None(()), ); }

                    [[4.5.6.] [1.2.3.]]

```

Previous tensor.concat Next tensor.quantize_linear

Last updated3 months ago