sequence.sequence_at

tensor.sequence_at

```

Copy fnsequence_at(sequence:Array>, position:Tensor)->Tensor;

```

Outputs the tensor at the specified position in the input sequence.

Args

- tensors
- (Array>
-) - The tensor sequence.
- position
- (Tensor
-) - The position tensor.
-

Panics

- Panics if position is not a scalar
- Panics if position is out of bounds [-n, n - 1]
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Returns

The tensorTensor from the sequence at the specified position.

Examples

```

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

useorion::operators::tensor::{TensorTrait,Tensor,U32Tensor,I32Tensor};

fnsequence_at_example()->Tensor { lettensor1=TensorTrait::new(shape:array![2,2].span(), data:array![0,1,2,3].span());
lettensor2=TensorTrait::new(shape:array![2,2].span(), data:array![4,5,6,7].span());

letmutsequence=ArrayTrait::new(); sequence.append(tensor1); sequence.append(tensor2);

letposition=TensorTrait::new(shape:array![].span(), data:array![IntegerTrait::new(1,false)].span());

letresult=TensorTrait::sequence_at(sequence, position); returnresult; }

                    [4,5,6,7]

```

Previous sequence.sequence_length Next sequence.sequence_erase

Last updated1 month ago