complex.acos

```

Copy fnacos(self:T)->T;

```

Returns the arccosine (inverse of cosine) of the complex number.

Args

- self
- (T
-) - The input complex number.
-

Returns

A complex number representing the acos of the input value.

Examples

```

Copy useorion::numbers::complex_number::{complex_trait::ComplexTrait, complex64::complex64}; useorion::numbers::
{FP64x64,FP64x64Impl,FixedTrait};

fnacos_complex64_example()->complex64 { letz:complex64=ComplexTrait::new(
FixedTrait::new(36893488147419103232,false), FixedTrait::new(5534023222112865484 8,false) );// 2 + 3i z.acos() }

                {real:{mag:18449430688981877061, sign:false}, im:{mag:36587032881711954470,
                sign:true}}// 1.000143542473797 - 1.98338702991653i

```

Previous Complex Number Next complex.acosh

Last updated1 month ago