complex.asinh

```

Copy fnasinh(self:T)->T;

```

Returns the value of the inverse hyperbolic sine of the complex number.

Args

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

Returns

The inverse hyperbolic sine of the input complex number.

Examples

```

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

fnasinh_complex64_example()->complex64 { letz:complex64=ComplexTrait::new(
FixedTrait::new(36893488147419103232,false), FixedTrait::new(5534023222112865484 8,false) );// 2 + 3i z.asinh() }

                {real:{mag:36314960239770126586, sign:false}, im:{mag:17794714057579789616,
                sign:false}}//1.9686379 + 0.964658504i

```

Previous complex.asin Next complex.atan

Last updated1 month ago