complex.conjugate

```

Copy fnconjugate(self:T)->T;

```

Returns the conjugate of a complex number. The complex number is represented in Cartesian formz = a + bi . The conjugate ofz = a + bi is$\bar{z}$ = a - bi

Args

- self
- (T
-) - The complex number from which we want the conjugate.
-

Returns

A complex number , representing the imaginary part ofself .

Examples

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

fnconjugate_complex64_example()->complex64 {
letz:complex64=ComplexTrait::new(FixedTrait::new(18446744073709516160,false),
FixedTrait::new(1844674407370955161 6,false)); z.conjugate() }

                {real:{mag:18446744073709516160, sign:false}, im:{mag:18446744073709551616,
                sign:true}}// 10 - i

```

Previous complex.atanh Next complex.cos

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