

complex.real

...

Copy fnreal(self:T)->F;

...

Returns the real part of a complex number. The complex number is represented in Cartesian form $z = a + bi$ where a is the real part.

Args

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

Returns

A fixed point number , representing the real part of self .

Examples

...

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

```
fnreal_complex64_example()->FP64x64{
  let z:complex64=ComplexTrait::new(FixedTrait::new(184467440737095516160,false),
  FixedTrait::new(18446744073709551616,false)); z.real() }
```

```
        {mag:184467440737095516160, sign:false} // 10
```

...

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