complex.img

```

Copy fnimg(self:T)->F;

```

Returns the imaginary part of a complex number. The complex number is represented in Cartesian formz = a + bi whereb is the imaginary part.

Args

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

Returns

A fixed point number , representing the imaginary part ofself .

Examples

```

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

fnimg_complex64_example()->FP64x64{
letz:complex64=ComplexTrait::new(FixedTrait::new(18446744073709516160,false),
FixedTrait::new(18446744073709551616,false)); z.img() }

                    {mag:18446744073709551616, sign:false}// 1

```

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