

# complex.img

...

Copy fnimg(self:T)->F;

...

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

## Args

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

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

## Examples

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Copy use orion::numbers::complex\_number::{complex\_trait::ComplexTrait, complex64::complex64}; use orion::numbers::{FP64x64, FP64x64Impl, FixedTrait};

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

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

...

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