



COMPLEX FUNCTIONS

Why

We name functions whose domain is the complex numbers.

Definition

A *complex function* is a complex-valued function. The domain is often an interval of the real numbers, but may be any non-empty set.¹

Notation

Let A be a set. Let $f : A \rightarrow \mathbf{C}$. f is a complex function.

¹Future editions will expand the discussion, and likely motivate the definition via the genetic approach.

