

Functions

Notation	Meaning
$\text{dom}(F)$	the domain of a function F ; thus the set of the inputs
$\text{range}(F)$	the <i>range</i> of a function F ; thus the set of outputs
$x \in A \mapsto F(x)$	defines a function whose domain is the set A and formula is $F(x)$
C_A	the set of functions that are continuous on the set A
C_A^1	the set of functions that are continuous on the set A