List of Symbols

$\mathbb{R}$	The set of all real numbers
$\mathbb{Q}$	The set of all rational numbers
$\mathbb{N}$	The set of all natural numbers
$\mathbb{Q}_1$	The set of all rational numbers in [0,1)
I	A compact subinterval of $\mathbb{R}$
A^c	The complement of the set A
$P(f)$	The set of all periodic points of f
$Per(f)$	$\{n \in \mathbb{N}$ such that f has a point of period $n\}$
$PER(X)$	$\{A \subset X \mid A = Per(f)$ for some continuous self map f of $X\}$
$Det(A)$	The determinant of A
p_n	$\lvert Det(A^n - I)\rvert$
$\triangle$	Symmetric difference of sets.
q_n	$\lvert Trace(A^n)\rvert$
$N(f)$	The set of all nonordinary points of f
$S(f)$	The set of all special points of f
G_f	The set of all self-conjugacies of f
$G_{f\uparrow}$	The set of all increasing self-conjugacies of f
$\overleftarrow{P(f)}$	The set of preperiodic/eventually periodic points of f
$\overleftarrow{C(f)}$	The set of precritical points of f
$W^s(x,f)$ or $W^s(x)$	The basin of attraction of f at x
$\mathbb{T}^2$	The two dimensional torus
T_A	The toral automorphism induced by the matrix A
$GL(2,\mathbb{Z})$	$\left\{ \begin{pmatrix} a & b \\ c & d \end{pmatrix} \mid a,b,c,d \in \mathbb{Z} \text{ and } ad-bc = \pm 1 \right\}$