Billiards notation

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August 17, 2006

γ	a closed geodesic on the double of a triangle, $\mathcal{D}(T)$
$\widehat{\gamma}$	a periodic billiard path in a triangle
Δ	the parameter space of marked triangles
$\mathcal{D}$, $\mathcal{D}(T)$	double of a triangle T across its edges (an Euclidean cone surface)
F	a defining function for an edge of $O(W)$ ($F = \mathrm{Im}(\pm P\overline{Q})$)
H, $H(W)$	the *hexpath* (the path in the hexagonal grid corresponding to the combinatorial type W)
MT,MT(T)	the minimal translation surface corresponding to a triangle T
O, $O(W)$	an *orbit tile* corresponding to the word W (ie. the collection of triangles with billiard paths of combinatorial type W)
P	part of defining function for and edge of $O(W)$ (a map $\Delta \to \mathbb{C}$)
Q	part of defining function for and edge of $O(W)$ (a map $\Delta \to \mathbb{C}$)
$\hat{Q}$, $\hat{Q}(W)$	the *square path*, which is related to $H(W)$
T	a triangle

U, $U(W,T)$	*unfolding* of triangle T with respect to combinatorial type W
UAC,UAC(X)	the *universal abelian cover* of the space X (X defaults to the 3-punctured sphere)
V_n	the Veech triangle with angles $(\pi/2n, \pi/2n, (\pi-1)/n)$
W	a *combinatorial type* (ie. an infinite periodic word in the letters $\{1,2,3\}$, representing edges hit by a potential periodic billiard path)