Equidistribution of elements of norm 1 in cyclic extensions

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Abstract. Upon quotienting by units, the elements of norm 1 in a number field K form a countable subset of a torus of dimension $r_1 + r_2 - 1$, where r_1 and r_2 are the numbers of real and pairs of complex embeddings. When K is Galois with cyclic Galois group we demonstrate that this countable set is equidistributed in a finite cover of this torus with respect to a natural partial ordering induced by Hilbert's Theorem 90.

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