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CORRIGENDUM

Effective mixing and counting in trees – CORRIGENDUM

SANGHOON KWON

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Given a locally finite simplicial tree $\mathcal{T}$, the term *weighted spectral gap* (WSG) is defined in the paper [**3**], for a pair (Γ, F) of a full discrete subgroup Γ of $\mathrm{Aut}(\mathcal{T})$ and a Γ-invariant potential F. If (Γ, F) has a WSG, then the exponential mixing property of the geodesic translation map $\phi\colon \Gamma\backslash S\mathcal{T} \to \Gamma\backslash S\mathcal{T}$ with respect to the measure $m^{\nu^-,\nu^+}_{\Gamma,F}$ holds whenever the length spectrum of Γ is not arithmetic.

It was claimed in Example 4.1 in [**3**] that geometrically finite groups have a WSG for any constant potential. However, that statement is misleading because a geometrically finite discrete group in $\mathrm{Aut}(\mathcal{T})$ can never be full unless it is convex cocompact. Nevertheless, it is proved in [**2**] that the exponential mixing property of the discrete time geodesic flow still holds. Their argument contains a new method of coding the discrete time geodesic flow without assuming the group Γ is full and a suitable application of the Young's tower method, introduced in [**4**].

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