ERRATUM TO “DYNAMICAL SYSTEMS AND SEMISIMPLE GROUPS, AN INTRODUCTION”


In section 1a of my review of Renato Feres’ book Dynamical systems and semisimple groups, an introduction, inside the paragraph that begins “The phenomenal achievement of superrigidity/arithmeticity is . . . ,” one finds the statement: “Moreover, if $G$ is a noncompact connected simple Lie group (like $\text{SL}_3(\mathbb{R})$) and if $\Gamma$ is the $\mathbb{Z}$-points of a $\mathbb{Z}$-structure on $G$, then $\Gamma$ cannot be cocompact.” This is false and should be deleted.

Later in that section, at the end of the paragraph that reads “Some authors wish to replace our cumbersome . . . ,” one finds the statements: “Then we may say that every lattice in $\text{SL}_4(\mathbb{R})$ is nearly arithmetic. (The definition of ‘arithmetic’ in [Z84] is exactly what we here call ‘almost arithmetic’.)” The word “almost” appearing there was meant to be “nearly”.

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