ERRATUM FOR EXISTENCE OF CYCLES IN DUCCI'S FOUR-NUMBER GAME WITH MODULAR MULTIPLICATION, #A86 OF VOLUME 23

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On page 1, there is a typo in the first sentence of the introduction. The definition of the standard Ducci's 4-Number Game was given as the following mapping from $\mathbb{N}^4$ to $\mathbb{N}^4$:

$$\begin{bmatrix} a & b & c & d \end{bmatrix} \mapsto \begin{bmatrix} |a-b| & |b-a| & |c-d| & |d-a| \end{bmatrix}.$$

However, the mapping should be defined by

$$\begin{bmatrix} a & b & c & d \end{bmatrix} \mapsto \begin{bmatrix} |a-b| & |b-c| & |c-d| & |d-a| \end{bmatrix}.$$

The correct definition is what was used in the remaining portion of the paper.