In the PROOF of Theorem 1: The last three sentences in the second to the last paragraph SHOULD read as follows.

The respective periods of $u_{j_1}^1$ and $u_{j_2}^2$ are $e_{j_1}^1$ and $e_{j_2}^2$. Hence,

$$u_{j_1}^1 + L^{\ell_2 + \log \gcd(e_{j_1}^1, e_{j_2}^2)} u_{j_2}^2 = L^{\kappa \cdot e_{j_1}^1} u_{j_1}^1 + L^{\ell_2 + \kappa \cdot \log(\gcd(e_{j_1}^1, e_{j_2}^2) - 1)} u_{j_2}^2$$

$$= L^{\kappa \cdot e_{j_1}^1} (u_{j_1}^1 + L^{\ell_2} u_{j_2}^2).$$

Thus, a $(j_1, j_2)$ pair corresponds to the cycle $u_{j_1}^1 + L^{\ell_2} u_{j_2}^2$ with $0 \leq \ell_2 \leq \gcd(e_{j_1}^1, e_{j_2}^2) - 1$.

The typo is in the term after the first equality, the expression

$$L^{\kappa \cdot e_{j_1}^1} + \ldots$$

should have been

$$L^{\kappa \cdot e_{j_1}^1} u_{j_1}^1 + \ldots$$