

Endomorphisms of superelliptic jacobians

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Proof of Lemma 3.4 The non-zero element of $\text{End}_K(X, i) \otimes \mathbb{Q}$ attached to \mathcal{J} should be defined as $e_{\mathcal{J}} = \sum_{s \in \mathcal{J}} e_s$.

Proof of Theorem 3.5, second displayed formula. Change $\text{Lie}_{K_a}(X)_{\kappa}$ to $\text{Lie}_{K_a}(X)_{\tau}$.

Proof of Theorem 3.5, third displayed formula. Change $\sigma(\text{Lie}_{K_a}(X_s)_{\tau})$ to $\sigma(\text{Lie}_{K_a}(X_t)_{\tau})$.

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