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ERRATA: ON THE FIELDS OF RATIONALITY FOR CURVES AND FOR THEIR JACOBIAN VARIETIES

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TSUTOMU SEKIGUCHI

Theorem 3.2 should read

THEOREM 3.2. Let S' be a faithfully flat S-scheme, C' be a non-hyperelliptic curve over S' (i.e., C' has non-hyperelliptic curves as geometric fibres), and P be a principally polarized abelian scheme over S having an isomorphism

 $\phi' \colon P(C') \xrightarrow{\sim} P \times_s S'$.

Then there exist a curve C over S and an isomorphism

 $f'\colon C\times_s S' \xrightarrow{\sim} C'.$

The statement of the addendum is completely false.

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