Modern Approaches to Computing With Rational Elliptic Curves

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Invariants of Rational Elliptic Curves

The Birch and Swinnerton-Dyer Conjecture (BSD)

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p-adic Invariants of Rational Elliptic Curves

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p-adic Analogue of the BSD Conjecture

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The Mordell-Weil Group

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L-functions

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Example

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