

Solutions to J. Silverman's
Advanced Topics in the Arithmetic of Elliptic Curves

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ABSTRACT. This document contains solutions to the exercises of Joseph Silverman's *Advanced Topics in the Arithmetic of Elliptic Curves*.

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CHAPTER I

Elliptic and Modular Functions

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CHAPTER II

Complex Multiplication

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CHAPTER III

Elliptic Surfaces

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CHAPTER IV

The Néron Model

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CHAPTER V

Elliptic CURves over Complete Fields

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CHAPTER VI

Local Height Functions

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