

Financial Mathematics

MATH 5870/6870¹
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¹Based on Robert L. McDonald's *Derivatives Markets*, 3rd Ed, Pearson, 2013.

Chapter 13. Market-Making and Delta-Hedging

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§ 13.1 What do market-makers do?

§ 13.2 Market-maker risk

§ 13.3 Delta-Hedging

§ 13.4 The mathematics of Delta-hedging

§ 13.5 The Black-Scholes analysis

§ 13.6 Market-Making as insurance

§ 13.7 Problems

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This section will be skipped for interested students.