Collegio Carlo Alberto

UNIVERSITÀ DEGLI STUDI DI TORINO

Master in Finance, Insurance, and Risk Management

Hedging strategies for segregated funds

Vincenzo Russo

Course description:

The aim of the course is to be focused on some essential aspects related to the quantitative modeling under Solvency II. In particular, a practical approach in terms of hedging strategies for segregated funds is considered in the context of the interest rate risk.

Main topics of the course:

- General framework
- Participating policies and Segregated funds
- Market value balance sheet
- Market value of asset – pricing of fixed income securities
- Best estimate of liabilities (BEL): stochastic financial scenarios and underwriting risks modeling
- Hedging strategies for interest rate risk
- Practical examples (Excel/VBA)

Exam:

No exams

Textbooks:

Lecture notes

Contact information:

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