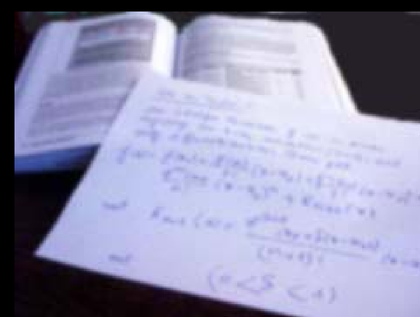
FINANCE CONCEPTS

Your Partner in Risk Management

Model Validation

Consulting services



Training in Quantitative Finance

www.finance-concepts.com

Consulting services

Finance Concepts offers consulting services in quantitative finance and risk management to financial institutions, hedge funds and service providers.

We combine an in-depth knowledge of quantitative models and cutting-edge numerical methods with an extensive experience of market practice and investment strategies to propose solutions to our clients in the following fields:

Pricing and hedging of complex derivatives.

Design of innovative tools for portfolio optimization and trading.

Risk management: Value-at-risk, market risk, credit risk, model risk.

Examples of recent projects

Design of a capital allocation method for a fund of funds.

Pricing and optimal design of stock options for a major US corporation.

Design of a pricing model for options on hedge fund indices.

Design of a risk management system for a stock and MBS loan facility.

Training in Quantitative Finance

Finance Concepts Advanced Courses bring the latest developments in Quantitative Finance within the reach of market practitioners and risk managers through conferences, seminars and in-house training events given by the foremost experts in the field.

Audience

Quants, Structurers, Risk Managers, Hedge fund Managers, Traders, Asset Managers, Investors.

In house Training

Finance Concepts also delivers in house training programs catered to our clients' specific needs.

Some recent training courses

Quantitative Methods in Asset Management

Calibration of pricing models

A Quant Approach to market making

Volatility Modelling

Portfolio Insurance Strategies: from Multi-asset Equity derivatives

Entropy methods for derivatives

Measuring and Managing Model Risk

Model Validation

Independent model validation and appraisal is an important concern in the world of derivatives, where quantitative models play an increasingly important role.

Finance Concepts has extensive experience in model review and validation for large financial institutions and also provides expert advice on the acquisition or design of new software solutions for front- and middle-office applications.

Our approach to model validation reviews modelling assumptions, computational aspects, parameter calibration, data sources and best market practices.

Our expertise in model validation has been recognized by regulators worldwide.

Some recent assignments include:

Independent Review and stress-testing of the risk Management system for a Credit Default Swap clearinghouse.

Independent review of the Value at Risk for a Major corporate and investment bank

Validation of the pricing and risk management procedures for fixed income derivatives in a major European bank.

Validation of a pricing model for quanto swaps and petroleum derivatives for a large energy trading firm.

Institutions who have made use of our services include

Bank for International Settlements - BM&FBovespa - BNP Paribas - BBVA - CA-CIB - CISCO - Crédit Agricole Asset Management - DRW Trading - Electricité de France - Finance Active - HSBC - IntercontinentalExchange (ICE) - International Swaps and Derivatives Association - Mizuho - Morgan Stanley - Natixis - South Street Securities - Société Générale - Standard & Poor's - The Depository Trust Corporation - Total Trading -

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