Products, Markets and Infrastructure

**Fintech**
- Bitcoin & Blockchain *
- Blockchain Structure & Security *
- Smart Contracts & Blockchain Applications *
- Cryptocurrencies & Initial Coin Offerings (ICOs) *
- Data Analytics *
- Digital Technology in Inclusive Insurance - Background *
- Digital Technology in Inclusive Insurance - Use and Impact *
- Digital Technology in Inclusive Insurance - Application of ICTs *
- Digital Technology in Inclusive Insurance - Test Yourself *
- Facilitating Innovation in Financial Services - The Inside Track - Video *
- Fintech Innovation Facilitators - Introduction *
- Fintech Innovation Facilitators - Hubs, Sandboxes and Accelerators *
- Fintech Innovation Facilitators - Test Yourself *

**Lending Products**
- Accounts Receivable & Inventory Financing *
- Agricultural Loans *
- Claims on Banks & Securities Firms
- Claims on Sovereigns & Government Entities *
- Commercial Loans *
- Corporate Banking Products - Trade Finance *
- Leveraged Lending
- Real Estate Loans *
- Retail Credit *
- Subprime Mortgage Lending

**Insurance Products**
- Life Insurance - Business and Risks *
- Microinsurance
- Non-life Insurance - Business and Risks *
- Reinsurance - Purpose and Principles *
- Reinsurance - Types of Reinsurance *
- Reinsurance - Contracts *
- Reinsurance - Connect *
- Reinsurance - Test Yourself *
- Types of Insurance *
- Variable Annuities

**Financial Products**
- Bond Markets - An Introduction *
- Equity Markets - An Introduction *
- Fixed Income Analysis - An Introduction *

**Securitisation and Covered Bonds**
- Covered Bonds
- Resecuritizations
- Securitization - An Introduction
- Securitization - Asset-Backed Securities (ABS)
- Securitization - CDOs - An Introduction
- Securitization - Commercial Mortgage-Backed Securities
- Securitization - Credit Card ABS
- Securitization - European Mortgage-Backed Securities
- Securitization - Mortgage-Backed Securities (MBS)

**Markets and Infrastructure**

**Financial Markets**
- Banks and Bank Risks - The Role of Banks *
- Banks and Bank Risks - Credit Risk *
- Banks and Bank Risks - Operational and Liquidity Risks *
- Banks and Bank Risks - Market Risk *
- Banks and Bank Risks - Test Yourself *
- Cyber Risk - Financial Market Infrastructures: Cyber Resilience *
- Cyber Risk - Financial Market Infrastructures: Enhancing Cyber Resilience *
- Financial Markets - An Introduction *
- Futures Markets

**Payment Systems**
- Large-value Payment Systems
- Payment Systems - An Introduction *
- Payment Systems - Liquidity
- Principles for Financial Market Infrastructures - Overview *
- Principles for Financial Market Infrastructures - Principles 1 to 12 *
- Principles for Financial Market Infrastructures - Principles 13 to 24 *
- Principles for Financial Market Infrastructures - Test Yourself *
- Securities Settlement Systems - An Introduction
- Settlement of FX Transactions
- Wholesale Payments Fraud - Overview *
- Wholesale Payments Fraud - Strategy *
- Wholesale Payments Fraud - Test Yourself *

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Overview of Tutorials - English

Risk Management

Quantitative Tools
- Basel II - IRB - Underlying Math and Theory
- Calculus
- Convexity Analysis *
- Distributions & Hypothesis Testing
- Duration Analysis *
- Interest Calculations *
- NPV & IRR *
- Present Value & Future Value *
- Probability
- Statistics for Credit Rating Models

Credit Risk
Overview
- Country Risk
- Credit Analysis - An Introduction
- Credit Granting & Administration *
- Credit Risk - An Introduction *
- Credit Risk Appetite - An Introduction *
- Credit Risk Measurement - An Introduction *
- Problem Credit Management - An Introduction *

Loan Loss Provisioning
- Dynamic Provisioning
- Problem Credit Management - Accounting for Problem Credits *
- Problem Credit Management - Early Stage Problem Credits *
- Problem Credit Management - Late Stage Problem Credits *

Credit Ratings and Risk Modeling
- Banks' Internal Rating Systems *
- Credit Rating Agencies - Structured Product Methodologies
- External Credit Risk Assessments
- IRB - Credit Risk Components

Credit Risk Transfer
- Credit Risk Transfer
- Monolines and Banking

Market Risk
Overview
- Market Risk Management, Measurement and Supervision *

Derivatives Pricing & Application
- Options - Beyond Black-Scholes
- Options - Future Asset Prices & Volatility
- Options - Introduction to Option Valuation
- Options - Replication, Risk-Neutrality, & Black-Scholes
- Swaps - Applications

Insurance Risk
- Mortality and Longevity Risks - An Introduction
- Underwriting Risk - Pricing of Life Insurance Products
- Underwriting Risk - Pricing of Non-life Insurance Products *

Other Material Risks
- AML and CFT in Insurance - Definitions and Impact *
- Climate Risks - Implications for the Insurance Sector *
- Cyber Risk - Nature of Risk *
- Liquidity Risk - Concepts and Management *
- Liquidity Risk - Daily Liquidity Risk Management *
- Liquidity Risk - Crisis Management *
- Liquidity Risk - Connect *
- Liquidity Risk - Test Yourself *
- Operational Risk - An Introduction *
- Step-in Risk - Background and Regulatory Motivation *
- Step-in Risk - Identification *
- Step-in Risk - Potential Responses and Roles of Banks and Supervisors *
- Step-in Risk - Test Yourself *

Capital Management
- Bank Capital *
- Economic Capital & RAROC - An Introduction
- Economic Capital & RAROC - Approaches & Allocation
- Enterprise Risk Management - An Introduction
- Management of Regulatory Capital - Overview *
- Management of Regulatory Capital - Quantity and Quality *
- Management of Regulatory Capital - Key Techniques *
- Management of Regulatory Capital - Connect *
- Management of Regulatory Capital - Test Yourself *

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Banking Supervision

Market Risk - RWA
- Enhancements to the Market Risk Capital Requirements
- Redefining the Capital Requirements for Banks’ Trading Activities - Video
- Regulation of Market Risk - Internal Models Approach
- Revised Market Risk Framework - Executive Summary
- Revised Market Risk Framework - Overview and the IMA
- Revised Market Risk Framework - Standardised Approach
- Simplified Standardised Approach to Market Risk - Overview and FX Risk
- Simplified Standardised Approach to Market Risk - Interest Rate Risk
- Simplified Standardised Approach to Market Risk - Commodities Risk
- Simplified Standardised Approach to Market Risk - Equity Risk and Options
- Simplified Standardised Approach to Market Risk - Connect
- Simplified Standardised Approach to Market Risk - Test Yourself

Operational Risk - RWA
- Operational Risk Standardised Approach - Executive Summary
- Operational Risk Standardised Approach - Overview
- Operational Risk Standardised Approach - Business Indicator Component
- Operational Risk Standardised Approach - Internal Loss Multiplier
- Operational Risk Standardised Approach - Connect
- Operational Risk Standardised Approach - Test Yourself

Securitisation - RWA
- Basel III: Securitisation Framework - Executive Summary
- Basel III: Securitisation Framework - Exposure and Hierarchy of Approaches
- Basel III: Securitisation Framework - External Ratings-Based Approach (SEC-IRBA)
- Basel III: Securitisation Framework - Internal Ratings-Based Approach (SEC-ERBA)
- Basel III: Securitisation Framework - Standardised Approach (SEC-3A)
- Basel III: Securitisation Framework - Test Yourself
- Securitization - Operational Requirements
- Securitization - Special Features
- Securitization and Regulatory Capital - An Overview
- Securitization Framework
- STC Criteria and Capital Requirements

Risk Standards

Credit Risk
- Large Exposures Standard
- Principles for Sound Residential Mortgage Underwriting Practices
- Prudential Treatment of Problem Assets - Executive Summary
- Prudential Treatment of Problem Assets - Video
- Prudential Treatment of Problem Assets - Motivation and Key Features
- Prudential Treatment of Problem Assets - Definition of Non-performing Exposures
- Prudential Treatment of Problem Assets - Definition of Forbearance
- Prudential Treatment of Problem Assets - Test Yourself
- Risk Concentrations
- Supervisory Credit Classification
- Supervisory Review of Expected Credit Loss Provisioning
- The Treatment of Large Exposures in the Basel Capital Standards - Executive Summary

Liquidity Risk
- Liquidity Risk Management Principles - Governance, Management and Supervision
- Liquidity Risk Management Principles - Measurement and Management of Liquidity
- Liquidity Risk Management Principles - Disclosures and Supervisory Oversight
- Liquidity Risk Management Principles - Test Yourself
- Liquidity Coverage Ratio (LCR) - Executive Summary
- Liquidity Coverage Ratio - Objectives and Structures of the Liquidity Standards
- Liquidity Coverage Ratio - The HQLA Stock
- Liquidity Coverage Ratio - Total Net Cash Outflows
- Liquidity Coverage Ratio - Connect
- Liquidity Coverage Ratio - Test Yourself
- Net Stable Funding Ratio (NSFR) - Executive Summary
- Liquidity Standards - NSFR

Market and Interest Rate Risk
- IRRBB - Pillar 2 Standardised Framework - Executive Summary
- IRRBB - Pillar 2 Standardised Framework
- IRRBB Sound Practices - An Introduction
- IRRBB Sound Practices - Revised IRR Principles for Banks
- IRRBB Sound Practices - Revised IRR Principles for Supervisors
- IRRBB Sound Practices - Connect
- IRRBB Sound Practices - Test Yourself

Operational Risk
- Business Continuity Management
- Operational Risk Sound Practices - Background
- Operational Risk Sound Practices - Governance and Oversight
- Operational Risk Sound Practices - Risk Identification, Assessment, Monitoring and Reporting
- Operational Risk Sound Practices - Control, Mitigation and Business Continuity
- Operational Risk Sound Practices - Test Yourself
- Outsourcing

Other Risks
- Anti-Money Laundering and the Financing of Terrorism
- Correspondent Banking - Purpose and Importance
- Correspondent Banking - Decline and International Response
- Correspondent Banking - Test Yourself

Disclosure
- Pillar 3 Framework - Executive Summary
- Pillar 3 - Guiding Principles and Pillar 3 Reports
- Pillar 3 - Overview, Key Metrics and Regulatory Capital Disclosures
- Pillar 3 - Regulatory Risk Disclosures

Pillar 3 - Connect
- Pillar 3 - Test Yourself
- Pillar 3 - Market Discipline - Part 1
- Pillar 3 - Market Discipline - Part 2

Supervisory Practices

Tools and Techniques
- Bank Licensing - Overview
- Bank Licensing - Licensing Process
- Bank Licensing - Information Requirements
- Bank Licensing - Foreign Bank Entry
- Bank Licensing - Test Yourself
- Introduction to Stress Testing - Purpose and Importance
- Introduction to Stress Testing - Supervisory Approaches to Stress Testing
- Introduction to Stress Testing - Stress Testing Methodologies
- Introduction to Stress Testing - Connect
- Off-site Supervision - Main Components
- Off-site Supervision - Identifying Outliers
- Off-site Supervision - Forward-looking Supervision and Early Interventions
- Off-site Supervision - Test Yourself
- On-site Inspections for Banking - Rationale and Key Factors
- On-site Inspections for Banking - Planning and Execution
- On-site Inspections for Banking - Key Issues
- On-site Inspections for Banking - Connect
- On-site Inspections for Banking - Test Yourself
- Risk-based Supervision - Objectives, Benefits and Challenges
- Risk-based Supervision - Main Elements
- Risk-based Supervision - An Example
- Risk-based Supervision - Connect
- Risk-based Supervision - Test Yourself
- Sound Stress Testing Practices and Supervision - Overview
- Sound Stress Testing Practices and Supervision - Banks’ Risk Management
- Sound Stress Testing Practices and Supervision - Regulation
- Sound Stress Testing Practices and Supervision - Connect
- Sound Stress Testing Practices and Supervision - Test Yourself
- Supervisory Intensity and Effectiveness - Prerequisites for Effective Banking Supervision
- Supervisory Intensity and Effectiveness - Supervisory Assessments
- Supervisory Intensity and Effectiveness - Early Supervisory Interventions
- Supervisory Intensity and Effectiveness - Connect
- Supervisory Intensity and Effectiveness - Test Yourself

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Overview of Tutorials - English

Banking Supervision

- Implementation of the Basel Capital Framework
  - Basel Capital Framework - Cross-border Implementation
  - Basel I - A Case Study
  - Implementation of Basel III - Executive Summary *
  - Implementation of Basel III - The Inside Track - Video *
  - Implementation of Basel III - Prerequisites and Factors to Consider *
  - Implementation of Basel III - Options and Practical Steps *
  - Implementation of Basel III - Areas of National Discretion *
  - Implementation of Basel III - Test Yourself *
  - IRB - Securitization - A Case Study
  - IRB - Supervisory Validation
  - Pillar 2 Framework - Executive Summary *
  - Pillar 2 Supervisory Review Process - Overview *
  - Pillar 2 Supervisory Review Process - Bank Responsibilities *
  - Pillar 2 Supervisory Review Process - Supervisory Responsibilities *
  - Pillar 2 Supervisory Review Process - Specific Issues to Be Addressed *
  - Pillar 2 Supervisory Review Process - Test Yourself *
  - Stress Testing Requirements of the Basel Capital Framework
  - Supervisory Colleges

Supervision of Risks

- Fintech Developments - Overview *
- Fintech Developments - Banks and Banking System *
- Fintech Developments - Bank Supervisors and Regulatory Frameworks *
- Fintech Developments - Test Yourself *
- Information Technology Supervision
- Liquidity Risk - A Case Study: Northern Rock
- Operational Risk - Case Study
- Stress Testing - Credit Risk *
- Stress Testing - Liquidity *

Problem Banks and Resolution

- Bank Crisis Resolution
- Bank Resolution Framework - Executive Summary *
- Cross-border Bank Resolution - Overview *
- Cross-border Bank Resolution - Strategies, Planning and Resolvability *
- Cross-border Bank Resolution - Cooperation and Coordination Arrangements *
- Cross-border Bank Resolution - Connect *
- Cross-border Bank Resolution - Test Yourself *
- Dealing with Weak Banks *
- Identifying Weak Banks *
- FSB Key Attributes - Executive Summary *
- Recovery and Resolution
- Resolution Powers and Tools - An Overview *
- Resolution Powers and Tools - Transfer Powers *
- Resolution Powers and Tools - Treatment of Liabilities and Bail-in *

- Resolution Powers and Tools - Connect *
- Resolution Powers and Tools - Test Yourself *
- Resolution Strategies - Overview *
- Resolution Strategies - Single and Multiple Point of Entry *
- Resolution Strategies - Connect *
- Resolution Strategies - Test Yourself *
- Weak Banks - A Case Study

Financial Groups and Systemic Risk

- Financial Conglomerates - Scope and Supervision *
- Financial Conglomerates - Supervisory Standards
- Macrocumulative Supervision *
- Margin Requirements for Non-centrally Cleared Derivatives - Overview *
- Margin Requirements for Non-centrally Cleared Derivatives - Applicability of the Rules *
- Margin Requirements for Non-centrally Cleared Derivatives - Application of Initial and Variation Margin *
- Margin Requirements for Non-centrally Cleared Derivatives - Eligible Collateral and Risk Management Techniques *
- Margin Requirements for Non-centrally Cleared Derivatives - Test Yourself *
- Over-The-Counter (OTC) Derivatives Market Reforms *
- Shadow Banking *
- Too Big to Fail *

Deposit Insurance

- Core Principles for Effective Deposit Insurance Systems *
- Deposit Insurance - An Introduction *
- Deposit Insurance Core Principles Assessment - Overview and Planning *
- Deposit Insurance Core Principles Assessment - Completing the Assessment *
- Deposit Insurance Core Principles Assessment - Action Plan and Next Steps *
- Deposit Insurance Core Principles Assessment - Connect *
- Deposit Insurance Core Principles Assessment - Test Yourself *
- Deposit Insurance - Liquidation of Failed Bank Assets *
- Deposit Insurance - Premiums and Fund Management *
- Public Awareness of Deposit Insurance Systems *
- Reimbursing Depositors - Part 1
- Reimbursing Depositors - Part 2
- Resolution and Bridge Banking *

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Insurance Supervision

Foundations for Effective Supervision
- An Overview of the Insurance Core Principles from the Secretary General of the IAIS - Video *
- Insurance Core Principles - Overview and Preconditions *
- Insurance Core Principles - Assessment Methodology *
- Insurance Core Principles - Supervisory System *
- Insurance Core Principles - Supervised Entities *
- Insurance Core Principles - Ongoing Supervision *
- Insurance Core Principles - Risks and Risk Transfer *
- Insurance Core Principles - Valuation and Capital *
- Insurance Core Principles - Markets and Consumers *
- Insurance Core Principles - Connect *
- Insurance Core Principles - Test Yourself *
- Regulation and Supervision Supporting Inclusive Insurance Markets
- Supervisory Objectives, Powers and Structure - Insurance *

Governance
- Enterprise Risk Management for Insurers - Overview *
- Enterprise Risk Management for Insurers - Risk Identification and Measurement *
- Enterprise Risk Management for Insurers - Policies and Strategies *
- Enterprise Risk Management for Insurers - Own Risk and Solvency Assessment *
- Enterprise Risk Management for Insurers - Connect *
- Enterprise Risk Management for Insurers - Test Yourself *
- Insurer Corporate Governance - Suitability of Persons and Remuneration *
- Insurer Corporate Governance - Board and Senior Management *
- Insurer Corporate Governance - Control Functions *
- Insurer Corporate Governance - Group Issues *
- Insurer Corporate Governance - Supervisory Techniques *
- Insurer Corporate Governance - Test Yourself *
- Own Risk and Solvency Assessment
- The Role of Actuaries *

Valuation
- IFRS 4 - Insurance Contracts
- Supervisory Implications of IFRS 17 Insurance Contracts - Executive Summary *
- Valuation of Technical Provisions - Life Insurance (Investment Products) - Concepts
- Valuation of Technical Provisions - Life Insurance (Investment Products) - Techniques
- Valuation of Technical Provisions - Life Insurance (Protection Products) - Concepts
- Valuation of Technical Provisions - Life Insurance (Protection Products) - Techniques
- Valuation of Technical Provisions - Non-life Insurance - Concepts
- Valuation of Technical Provisions - Non-life Insurance - Techniques

Capital
- Capital Resources
- ICS - Overview - Executive Summary *
- Insurance Capital Standard - Overview *
- Insurance Capital Standard - Key Components *
- Insurance Capital Standard - Test Yourself *
- ICS - Market-adjusted Valuation - Executive Summary *
- ICS - Life Insurance Risk Charges - Executive Summary *
- ICS - Non-life Insurance Risk Charges - Executive Summary *
- ICS - Credit Risk Charges - Executive Summary *
- Insurance Solvency - An Introduction *
- Internal Models - An Introduction
- Life Insurance Solvency - Country Example
- Non-life Insurance Solvency - Country Example
- Solvency II - An Introduction - Part 1
- Solvency II - An Introduction - Part 2

Conduct of Business
- Conduct of Business in Insurance *
- Fraud in Insurance *
- Insurance - Disclosure
- Insurance Intermediaries *

Supervisory Practices
Tools and Techniques
- AML and CFT in Insurance - Supervisory Standards and Legislative Frameworks *
- AML and CFT in Insurance - Industry Measures *
- AML and CFT in Insurance - Connect *
- AML and CFT in Insurance - Test Yourself *
- Climate Risks - Overview of International Regulatory Response - Video *
- Climate Risks - International Insurance Standards *
- Climate Risks - Role of Regulation - Video *
- Climate Risks - Insurance Supervisory Approaches *
- Climate Risks - Connect *
- Climate Risks - Test Yourself *
- Cyber Risk - Insurance Regulatory Approach *
- Fintech Developments in the Insurance Industry - Executive Summary *
- Insurance - Licensing Issues *
- Insurer Cybersecurity - Executive Summary *
- Insurer Cybersecurity - Overview *
- Insurer Cybersecurity - Applying ICPs and Cybersecurity Frameworks and Guidance *
- Insurer Cybersecurity - Selected Supervisory Practices *
- Insurer Cybersecurity - Test Yourself *

Problem Insurers and Resolution
- Early Warning Indicators and Supervisory Interventions *
- Policyholder Protection Schemes - Overview *
- Policyholder Protection Schemes - Funding and Operation *
- Policyholder Protection Schemes - Supervisory Considerations and Cooperation *
- Policyholder Protection Schemes - Connect *
- Policyholder Protection Schemes - Test Yourself *
- Solvency Control Levels - The Inside Track - Video *
- Solvency Control Levels - Objectives and Types *
- Solvency Control Levels - Design *
- Solvency Control Levels - Connect *
- Solvency Control Levels - Test Yourself *

Risk-based Supervision
- Test Yourself *
- Connect *
- An Example *
- Connect *
- Test Yourself *
- Stress Testing - Insurance
- Supervision of Captive Insurers

Supervisory Objectives, Powers and Structure - Insurance *

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### Insurance Supervision

#### Financial Groups and Systemic Risk
- Common Framework for the Supervision of Internationally Active Insurance Groups
  - Executive Summary *
- Introduction to ComFrame - Overview *
- Introduction to ComFrame - Corporate Governance *
- Introduction to ComFrame - Risk Management *
- Introduction to ComFrame - Supervisory Tools *
- Introduction to ComFrame - Test Yourself *
- Financial Conglomerates - Scope and Supervision
- Financial Conglomerates - Supervisory Standards
- Group-wide Supervision of Insurance Entities
  - G-SIIs - Assessment Methodology - Executive Summary *
  - G-SIIs - Assessment Methodology
  - G-SIIs - Basic Capital Requirements
  - G-SIIs - Capital Adequacy - Executive Summary *
  - G-SIIs - Higher Loss Absorbency Requirement
  - G-SIIs - Market Adjusted Valuation
  - G-SIIs - Overview of Policy Measures *
- MPS in Insurance - Overview *
- MPS in Insurance - Macrofinancial Vulnerabilities *
- MPS in Insurance - Indicators and Techniques *
- MPS in Insurance - Connect *
- MPS in Insurance - Test Yourself *
- Reinsurance and Financial Stability
- Systemic Risk from Insurance Product Features - Executive Summary
- Systemic Risk from Insurance Product Features
- The Holistic Framework - Executive Summary *

#### Accounting
- Accounting - Business Combinations
- Accounting - Consolidation Issues *
- Accounting - Securitization
- Accounting - Share-Based Payments
- Accounting Provisions and Capital Requirements - Executive Summary *
- Accounting Provisions and Capital Requirements - Background and Regulatory Motivation *
- Accounting Provisions and Capital Requirements - Accounting Provisioning for Expected Credit Losses *
- Accounting Provisions and Capital Requirements - Regulatory Treatment *
- Accounting Provisions and Capital Requirements - Transitional Arrangements *
- Accounting Provisions and Capital Requirements - Test Yourself *
- Bank Accounting: An Introduction - Key Concepts And Principles *
- Bank Accounting: An Introduction - Financial Statements *
- Bank Accounting: An Introduction - Specific Issues for Supervisors *
- Bank Accounting: An Introduction - Connect *
- Bank Accounting: An Introduction - Test Yourself *
- IAS 32 - Financial Instruments: Presentation
- IAS 39 - Derivatives and Hedge Accounting
- IAS 39 - Financial Instruments: Recognition & Measurement *
- IAS 39 - Impairment of Financial Assets *
- IAS 39 - The Fair Value Option and IFRS 13 - Fair Value Measurement
- IFRS 4 - Insurance Contracts
- IFRS 7 - Financial Instruments: Disclosures
- IFRS 9 - Financial Instruments: Impairment *
- IFRS 9 - Financial Instruments: Recognition and Measurement *
- IFRS 9 and Expected Loss Provisioning - Executive Summary *
- IFRS 17 Insurance Contracts - Overview *
- IFRS 17 Insurance Contracts - Scope, Classification and Components *
- IFRS 17 Insurance Contracts - Recognition and Accounting Models *
- IFRS 17 Insurance Contracts - Financial Statements and Disclosure *
- IFRS 17 Insurance Contracts - Worked Example *
- IFRS 17 Insurance Contracts - Test Yourself *
- Insurance - Disclosure
- Supervisory Implications of IFRS 17 Insurance Contracts - Executive Summary *

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