**Realized Factor and Exposure Paths**

1. Regression Sensitivities for Margin Portfolios (Margin Analytics)
2. Principles Behind ISDA SIMM Specification (Margin Analytics)
3. ISDA SIMM Methodology 2.0 (Margin Analytics)
4. ISDA SIMM Methodology 2.1 (Margin Analytics)
5. ISDA SIMM Methodology 2.4 (Margin Analytics)
6. Dynamic Initial Margin Impact on Exposure (Margin Analytics)
7. Modeling Counterparty Credit Exposure in the Presence of Margin Agreements

**Regression Based Covariate Dependence Analyzer**

1. Tikhonov Regularization (Regression Analyzer)
2. Lasso (statistics) (Regression Analyzer)
3. A Critical Review of LASSO and its Derivatives for Variable Selection under Dependence among Covariates (Regression Analyzer)
4. Regularization Paths for Generalized Linear Models via Coordinate Descent (Regression Analyzer)
5. Extended Comparisons of Best Subset Selection, Forward Stepwise Selection, and the Lasso (Regression Analyzer)

**Singular Value Decomposition Analytics**

1. Singular Value Decomposition (Numerical Analysis)
2. Singular Value Decomposition and Least Square Solutions (Numerical Analysis)

**Householder Transformation and QR Decomposition**

1. Householder Transformation (Numerical Analysis)
2. The Householder Transformation in Numerical Linear Algebra (Numerical Analysis)
3. Householder Sketch for Accurate and Accelerated Lest-Mean-Squares Solvers (Numerical Analysis)

**Hilbert Spaces and RKHS Schemes**

1. Duality (Numerical Analysis)
2. Positive-definite Kernel (Numerical Analysis)
3. Kernel Method (Numerical Analysis)
4. Hilbert Spaces (Numerical Analysis)
5. Reproducing Kernel Hilbert Space (Numerical Analysis)
6. Representer Theorem (Numerical Analysis)

**Asset Backed Securities**

1. ABF Requirements
2. SPS Architecture