

NEW COVERAGE

HIMALAYA OPTIONS

Mountain range option based on a basket of underlying securities. Supports the ability to enter user-specified sampling dates. A comprehensive risk function is also included.

CAPPED / FLOORED VARIANCE SWAPS

Allows you to control risk exposure by applying a cap or floor to the variance swap.

NEW COVERAGE USING HESTON MODEL:

- Asian Options
- Cliquet Options
- Single Barriers
 - Heston or Local Volatility
- Vanilla Options
 - American, European and Bermudan (vanilla or binary)

FEATURES OF HESTON OPTIONS COVERAGE:

Allows the volatility smile to be incorporated into the pricing

- BUS/252 accrual method
- Discrete and/or continuous dividends
- Repo spread
- Varying rebate amounts
- Greeks are provided
- A freestyle function is available
- Control the number of threads to run the calculation on

NEW WORKBOOKS

Asian Options Using Local Volatility or Heston Workbook

Capped/Floored Variance Swaps

FX Forward Portfolio Workbook, integrated with FINCAD Market Data

Advanced Foreign Exchange coverage – Includes FX-specific functions for binary and barrier options.

OPTIONS – EXOTIC AND VANILLA	
<ul style="list-style-type: none"> • Asian • Average strike • Double average • Forward start • Chooser • Compound • Lookback • Power & quotient • Quanto • Spread • Barriers: <ul style="list-style-type: none"> ◦ Single & double ◦ Quanto 	<ul style="list-style-type: none"> • Binary: <ul style="list-style-type: none"> ◦ Single barrier ◦ Digital ◦ Binary spread • Multi-asset: <ul style="list-style-type: none"> ◦ Baskets ◦ Cliquets ◦ Napoleon • Mountain range <ul style="list-style-type: none"> ◦ Altiplano ◦ Himalaya
OPTION STYLES	
<ul style="list-style-type: none"> • American • Bermudan 	<ul style="list-style-type: none"> • European
VOLATILITY DERIVATIVES	
<ul style="list-style-type: none"> • Variance Swaps <ul style="list-style-type: none"> ◦ Conditional ◦ Corridor ◦ Capped / floored 	<ul style="list-style-type: none"> • Volatility swaps • Variance Options
OTHER FX DERIVATIVES	
<ul style="list-style-type: none"> • Forwards and futures 	<ul style="list-style-type: none"> • Swaps, swaptions
MODELS & METHODS	
<ul style="list-style-type: none"> • Local Volatility • Stochastic Volatility <ul style="list-style-type: none"> ◦ SABR ◦ Heston 	<ul style="list-style-type: none"> • Black-Scholes • Binomial • Monte Carlo • Garmen-Kohlhagen
UTILITIES	
<ul style="list-style-type: none"> • Implied calculations <ul style="list-style-type: none"> ◦ Volatility, strike, rates, etc. ◦ Goal seek on any parameter • Greeks • Cash flow functions • Dividend to yield conversion 	<ul style="list-style-type: none"> • Ability to <ul style="list-style-type: none"> ◦ Implement single rates or curves ◦ Take in discrete dividends or yield • Graph the volatility surface (smile, skew)