

Level I FormulaSheet Sample

	Торіс 24
CALCULATION	N
Futures Price	S $\begin{bmatrix} S \text{ is spot price of underlying, } r \text{ is risk-free rate, } \& \\ (T - t) \text{ is time to expiration in years} \end{bmatrix}$
With no incom	<u>me</u> <u>Of foreign currency</u> (<i>f</i> is foreign risk-free rate)
$F_t = Se^{r(t)}$	$F_t = Se^{(r-f)(T-t)}$
With dividend	
$F_t = Se^{(r)}$	$\overline{F_t} = Se^{(r+c-y)(T-t)}$
CONCEPTUAL	
Normal Backv	vardation: $F < E(S_T)$ Contango: $F > E(S_T)$

$ \begin{array}{c} \operatorname{Value at}_{\operatorname{Markov Trans}} & \operatorname{Fuller}_{\operatorname{Markov Trans}$	$\begin{tabular}{ c c c c c } \hline Topic 17 \\ \hline \begin{tabular}{l c c c c c c c c c c c c c c c c c c c$
$\begin{split} & \text{lower fix Bass}^{\text{lower }} & \text{solver } q_{1}^{2} + g_{1}^{2} - \frac{S}{2S_{1}} g_{1}^{2} , R, R$	Child of the file Annual of the file LAXER Topic 18 LAXER Chipate (Inter-You Rane) - Annual of the File LAXER Chipate (Inter-You Rane) - Annual of the File CAXER Topic 19 LAXER Topic 19 Content Topic 19 Content Balle + Consenting the dire of the file Section 14 Topic 20 Ball + Content Rane - Ball + Striding Location Topic 20
$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $	Topic IP LODE Topic IP Local Analysis Fig. IP Local Analysis Topic IP Debug Topic IP Debug Topic IP Debug Topic IP Local Analysis Topic IP Local Analysis Topic IP Local Analysis Topic IP
$\begin{tabular}{ c c c c c }\hline \hline Traple 10 \\ \hline Traple Vide (T) \\ Trade Vide Vide (T) \\ Trade Vide Vide Vide (T) \\ Trade Vide Vide Vide Vide (T) \\ Trade Vide Vide Vide Vide Vide (T) \\ Trade Vide Vide Vide Vide Vide Vide Vide Vi$	Topic 20 Longer
$ \begin{array}{ccc} P_{V} \mbox{ of } x \mbox{ heapsty}^{H} & P_{V}[\mu mpurphy] = \sum_{T \in \{0,+1\}}^{T} \sum_{T \in \{0,+1\}}^{T} & P_{V}[\mu mpurphy] = \sum_{T \in \{0,+1\}}^{T} \sum_{T \in \{0,+1\}}^{$	$= \frac{\sigma}{r_{pointsing}} dr_{p}^{2} = u_{1}^{2} (\sigma_{1}^{2} + u_{2}^{2}) \sigma_{2}^{2} + 2u_{1} u_{2} \sigma_{1} \sigma_{2} \sigma_{1}$
$\begin{array}{c} \frac{(2)}{(1-\varepsilon)^2} & (2)$	$\begin{split} & \text{Res}^{H} = Z_{n} = \left(Z_{n} - Z_{n}\right) \rho_{n,n} \left(\frac{H_{n}}{H_{n}}\right) + Z_{n} \left[-Z_{n} + \sigma_{n} \left(\frac{H_{n} - T_{n}}{H_{n}}\right) \rho_{n,n}\right] \\ & \text{PER-SE} \\ & \text{True} = \frac{H_{n}}{H_{n-n}} + \frac{H_{n}}{H_{n-n}} + \frac{H_{n-n}}{H_{n-n}} \frac{H_{n-n}}{H_{n-n}} + \frac{H_{n-n}}{H_{n-n}} \end{split}$
$eq:linear_line$	Topic 24 Axemm Plant (7.1) and price of earlieft lag, r. h. r.h. free sam, A (7.1) free and price of earlieft lag, r. h. r.h. free sam, A (7.1) free and price of the free sam)
	$\begin{split} &= \frac{2e^{iT-1}}{4} \qquad F_{i} = \frac{2e^{2-\beta T-1}}{r_{i}} \\ &= \frac{2e^{2-\beta T-1}}{r_{i}} \qquad \frac{2e^{2-\beta T-1}}{r_{i}} \\ &= \frac{2e^{2-\beta T-2}}{r_{i}} \qquad \frac{2e^{2-\beta T-1}}{r_{i}} \\ &= \frac{2e^{2-\beta T-2}}{r_{i}} \\ &= \frac{2e^{2-\beta T-2}}{r_{i}} \\ &= \frac{2e^{2-\beta T-1}}{r_{i}} \\ &= 2$
Dependation Dependable Life	Topic 25
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Rad Data Company Cap Rat r - g Set Asset Value (NAV) of Rold Gauge (MARING VER) (ap Rat) for properties - (MaRind VER - MaRing)(Sec also Income - Value of other Income - (Value of other Income -	101 (Change in Falses (File) (Change in Spot File) Taple 30 (File) (File) </td