

	THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUM		antion		ut ontion		Horizontal calendar spread	Sell II-K1-call+Buy I2-K2-call
	Parent price = f.	Sections	Strike price = I Premium = C	1	Strike Price = I Presius = P		Diagonal spread	Diagonal spread Different strike-different maturity
	ž.	Short	Long Right at f Short		Long Right at 7	Short	Box spread	Long Synthetic K1 forward(long k1 call+short K1 put)
118	Chligation at 7 To buy	To sell	To buy To se	To sell if asked	To sell	To buy if asked		+short synthetic K2 forward(short K2 call+long K2 put)
			the underlying asset at the price K	t at the price A	۰			Lend at t0 c(kZ)-c(kZ)+p(kI)-p(kZ)
Cost 0(r = 0)	0	0) -	4		-p	Ratio correct	
Paroff	1-5	y 15 − 3	max(S _t - K.0) -max((S, - K, 0)	mx(K - S, 0)		Asymmetric butterfly spread	$\lambda = (k_2 - k)/(k_2 - k_1)$ $k = \lambda k_1 + (1 - \lambda) k_2$
Profit at 7	1-5	I - Sr	(S, - f, 0)	(0, 1 - (S)	- FM (A - Sp. 0)	(F - Sp. 0) +		
		Protect	_	٦.		18	specialities (vertical)	
Γ	Fleers	Cape	Covered Call	Covered Put	7	Bull Speed	Bear Spread	
1	Long a K-stulte put +	Long a K-strike call +	Sell a K-strike call +			Long a Kr-strike call +	Sell a K ₁ -strike call + Long a K-strike call	
	200	1350				म् प्रक्र		
Cost r=0	RK 1)+5,	C(K,1)-S	- COK 1)+5	-P(K 1)-S		C(K, 1)-C(K, 1)	-C(K, I) + C(K, I)	
Prioff @	max(K -S _r , 0) + S _r	max(S _T -K, 0) - S _T	-max(S _T -K, 0) + S _T	Sr -max(K-		max(S _T -K ₁ ,0) -max(S _T -K ₂ , 0)	$-max(S_T-K_1,0)+max(S_T-K_2,0)$	
Profit @ T	5.0 1) - 50(F(K, I) + Payoff - FV(C(K, I) + SO)	Payoff - FV(C(K, 1) - S0)	Payoff - FV(-C(K, 1) Payoff - FV(- P(K, 1) +50) - 50	(, T) Payoff - E		Payoff - FV(C(K, 1)- C(K, 1)	payoff $-FV(-C(K_b, I) + C(K_b, I)$	
T	Insure long position	Insure short posit	APA IP			٣.	an be constructed using	
	Later	*		1	25	puts. market alithe	لے	
	^		, 					
11 8	Let CLL I) and RLL I) be the time 0 pressions (price) of the L-tribe call option and L-tribe put option with time I until expiration respectively.	(price) of the K-stribe call o	spines and K-strike put opt	ton with time I unt	il expiration respects	avely. Assume the underlying	Assume the underlying asset pays no dividends.	
=	Voletility Coller	\neg	Written Straddles	_	des out of mos	Strangies out of movey Butterfly Spreads		
	+ sell a K-strike cal	Il + Long a K-strike call	put + sell a K-stnike put		a K-stilte put		+ sell a K-strike put + II + Long a K-strike rut	
Cost t=0	R(K, 1) - C(K, 1)	Q(K, T) + P(K, T)	-C(K, I) -P(K, I)	(K, 7) R(K,	1)+C(K, T)	$\overline{}$	$+\alpha(\mathbf{K}_{2}, 1) + P(\mathbf{K}_{1}, 1)$	
Payoff @ T	$\Gamma = \max(K_1 - S_T, 0) - \max(S_T - K_0) + \max(K_1 - S_T, 0)$	$\max(S_T - K, 0) + \max(K - S_T, 0)$	max(X-Sr-K	. 0) - max(s)	$max(K_1 - S_7, 0) + max(S_7 - K_2, 0)$		$-\max(S_T - K, 0) - \max(K - S_T, 0) + \max(S_T - K_2, 0) + \max(K_1 - S_T, 0)$	
Profit @ 7	Payoff - FV(P(K ₁ , 1)	7) Payoff - FV(C(K, + P(K, 7))	(1) Payoff+ FV(C(K, I) + H(K, I))	C(K, I) Payol + C(K	E-FV(P(K, 1)		Payoff-FV(-C(K, I) - P(K, I) + C(K ₁ , I) + P(K, II)	
Remark	Both options have the		P P	K < I	K, < K ₁ .	K ₁ < K < K ₂ . Writter	K ₁ < K ₂ . Written K-strike Straddle +	
	P P	× ×	\$ _	*	7	K ₂ .	Long a Strangte with Strate prices of K ₁ and K ₂ .	
	5\ <u> </u>			71	k,	1	insure against	
	recomple short forward		C			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	HO OF	
	pay colloted stock			(÷0)/0 (5)	として	TI CLE CLES DV(D) SCLES PITTY. DELEGISTA	<u> </u>	(id) #M # - 53 1 1
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	Services celestrates	Tarket -	ž	Ļ	2	Fina	1001 1-10C	T(4-1)T
	of helpting asset	4	1 (0)	= P(0, T) Fo, T. Soletermyth?	termyth?	als,	11.0 K= 15	, W
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							11	= [5, + \frac{1}{2} \pu_{\sigma}[\pi_{\sigma}] \rightarrow \frac{1}{2} \righta
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