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Two asset correlation option

created by **Thijs van den Berg**

$$C = \max(S_2 - X_2, 0) \text{ if } S > X$$
$$P = \max(X_2 - S_2, 0) \text{ if } S < X$$

A two asset correlation option is a vanilla option that is activated if another asset (S2) is above or below a strike (K2) at expiration (T).

Symbol list:

C_T	Value of the two asset correlation call option at expiration
P_T	Value of the two asset correlation put option at expiration
S_T	Value of the underlying asset of the vanilla option at expiration
K	Strike (excercise) price of the vanilla option
$S_{2,T}$	Value of the activation asset at expiration
K_2	Activation strike (excercise) price