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```
#pragma once
#include "
href../../common/math/kirkby/model_proj_h_src.pdfmodel_proj.h"
//#include <math.h>
```

```
int price_asian_model(Model_proj* model, int call, double S_0, double W, int M0,
int Kirkby_PROJ_kou_asian(int ifCall, double Spot, double sigma, double lambda,
double r, double divid,
double T, double Strike,
int logN, int M0, int L1,
double *ptprice, double *ptdelta);
int Kirkby_PROJ_NIG_asian(int ifCall, double Spot, double Sigma, double Theta, d
double r, double divid,
double T, double Strike,
int logN, int M0, int L1,
double *ptprice, double *ptdelta);
int Kirkby_PROJ_CGMY_asian(int ifCall, double Spot, double C, double G, double M
double r, double divid,
double T, double Strike,
int logN, int M0, int L1,
double *ptprice, double *ptdelta);
```