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

int price_european_model(Model_proj* model, double S_0, double W, double T, int

int Kirkby_PROJ_kou_european(int ifCall, double Spot, double sigma, double lambda,
double r, double divid,
double T, double Strike,
int logN, int L1,
double *ptprice);
int Kirkby_PROJ_CGMY_european(int ifCall, double Spot, double C, double G, double lambda,
double r, double divid,
double T, double Strike,
int logN, int L1,
double *ptprice);
int Kirkby_PROJ_NIG_european(int ifCall, double Spot, double Sigma, double Theta,
double r, double divid,
double T, double Strike,
int logN, int L1,
double *ptprice);
```