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

int price_bermudan_put_for_model(Model_proj* model, double S_0, double W, int M0

int price_bermudan_put(double S_0, double W, int M0, int L1, double r, double q,
double T, int N, double dx, double xmin, int nbar, PnlVectComplex* grand, double

int Kirkby_PROJ_CGMY_amerput(double Spot, double C, double G, double M, double Y
double T, double Strike,
int logN, int step, int L1,
double *ptprice, double *ptdelta);
int Kirkby_PROJ_kou_amerput(double Spot, double sigma, double lambda, double lam
double r, double divid,
double T, double Strike,
int logN, int step, int L1,
double *ptprice, double *ptdelta);
int Kirkby_PROJ_NIG_amerput(double Spot, double Sigma, double Theta, double Kapp
double T, double Strike,
int logN, int step, int L1,
double *ptprice, double *ptdelta);
```