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```
#if defined(PremiaCurrentVersion) && PremiaCurrentVersion < (2008+2) //The "#els
#else

#include "pnl/pnl_complex.h"
#include "
href../../common/math/ap_fusai_levy/nrutil_h_src.pdfnrutil.h"

dcomplex cfrncall(int model, double rf, double dt, dcomplex g, double aa, doubl
dcomplex cfrn(int model, double rf, double dt, dcomplex g, double parameters[]);
dcomplex cfCDF(int model, double dt, dcomplex g, double aa, double parameters[])
dcomplex cfrnshifted(int model, double aa, double rf, double dt, dcomplex g, do
dcomplex cfLevy(int model, double dt, dcomplex g, double parameters[]);
dcomplex cfGauss(double sg, dcomplex g);

double MomentsLevy(int model, double rf, int moment, double dt, double paramet
dcomplex cfrnstandardized(int model, double rf, double dt, dcomplex g, double pa

//NIG
dcomplex cfNig(double alpha, double beta, double delta, dcomplex g);

//'meixner
dcomplex cfMeixner(double alpha, double beta, double delta, dcomplex g);

dcomplex cfVarianceGamma(double sg, double nu, double theta, dcomplex g);

//'cgmy
dcomplex cfCgmy(double ccc, double ggg, double mmm, double yyy, dcomplex g);
```

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//'de

dcomplex cfDe(double sg, double lambda, double p, double eta1, double eta2, dcom

///'jd
dcomplex cfMerton(double sg, double alpha, double lambda, double delta, dcomplex

///Compute tail bounds using moment x is in log terms
double  BoundUpperTailLevy(int model, double x, double  rf, double dt, int maxmo

double  BoundLowerTailLevy(int model, double x, double  rf, double dt, int maxmo

#endif //PremiaCurrentVersion

```