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```
#if defined(PremiaCurrentVersion) && PremiaCurrentVersion < (2011+2) //The "#els
#else

#ifndef _LIBOR_AFFINE_MODELS_H
#define _LIBOR_AFFINE_MODELS_H

#include <stdio.h>
#include <stdlib.h>
#include <
href../../common/math/cdo/cdo_math_h_src.pdfmath.h>

#include "pnl/pnl_vector.h"
#include "pnl/pnl_mathtools.h"

///  

//***** CIR 1d Model*****//
void phi_psi_cir1d(PnlVect *ModelParams, double t, dcomplex u, dcomplex *phi_i,
double MaxMgfArg_cir1d(PnlVect *ModelParams, double T);

//***** Gamma-OU 1d Model*****//
void phi_psi_gou1d(PnlVect *ModelParams, double t, dcomplex u, dcomplex *phi_i,
double MaxMgfArg_gou1d(PnlVect *ModelParams, double T);

#endif
#endif
```