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```
#ifndef _LMM_STOCHVOL_PITERBARG_H_
#define _LMM_STOCHVOL_PITERBARG_H_

#include "
href../../../../common/optype_h_src.pdfoptype.h"
#include "
href../../../../common/var_h_src.pdfvar.h"
#include "
href../../../../common/error_msg_h_src.pdferror_msg.h"
#include "
href../../../../common/enums_h_src.pdfenums.h"

#define TYPEMOD LMM_STOCHVOL_PITERBARG

typedef struct TYPEMOD
{
    VAR T;
    VAR Flag_InitialYieldCurve;
    VAR Var_SpeedMeanReversion;
    VAR Var_Volatility;
    VAR SkewsParams_a;
    VAR SkewsParams_b;
    VAR SkewsParams_c;
    VAR SkewsParams_d;
    VAR VolsParams_a;
    VAR VolsParams_b;
    VAR VolsParams_c;
    VAR VolsParams_d;
} TYPEMOD;

extern double MOD(GetYield)(TYPEMOD *pt);
extern char *MOD(GetCurve)(TYPEMOD *pt);

#endif
```