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```

#if defined(PremiaCurrentVersion) && PremiaCurrentVersion <
    (2007+2) //The "#else" part of the code will be freely av
    ailable after the (year of creation of this file + 2)
#else

#ifndef LMM_VOLATILITY_H
#define LMM_VOLATILITY_H

#include"lmm_header.h"

extern int mallocVolatility(Volatility** ptVol , int num0
    fFac,double sigma);
extern double evalVolatility( Volatility* ptVol ,int
    factorNumber, double t, double T);
extern int freeParametre(Volatility **ptVol);
extern int initVolatility(Volatility *ptVol);
extern int computeEigenVector(Volatility *ptVol);
extern int shiftVolatility(Volatility *ptVol);
extern int computeCovariance(Volatility *ptVol);
extern int copyVolatility(Volatility *ptSrc, Volatility *pt
    Dest);
extern int mallocVolatilityInteger(Volatility **ptVol ,
    int numOfFac, float tenor, double sigma);
extern void freeVolatility(Volatility **ptVol);
#endif

#endif //PremiaCurrentVersion

```

References