stda

Premia 14

1   Insurance Derivatives

2   Code Implementation

```c
#ifndef  _STDa_H
#define _STDa_H

#include  "optype.h"
#include  "var.h"

#include  "chk.h"
#include  "numfunc.h"

#define TYPEOPT STDa

typedef struct TYPEOPT
{
  VAR       PayOff;
  VAR     EuOrAm;
  VAR     Maturity;
  VAR       DeemedContribution;
  VAR        InitialAge;
  VAR        Premium;
  VAR        MinimumGuaranteedInterestRate;
} TYPEOPT;

int OPT(Get)(int user,Planning *pt_plan,Option *opt, Model *mod);
int OPT(FGet)(char **InputFile,int user,Planning *pt_plan,Option *opt, Model *mo
```

```
int OPT(Show)(int user,Planning *pt_plan,Option *opt, Model *mod);
int OPT(Check)(int user,Planning *pt_plan,Option *opt);

#endif
```