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```
#ifndef _HESHW1D_H
#define _HESHW1D_H

#include "optype.h"
#include "var.h"
#include "error_msg.h"
#include "enums.h"

#define TYPEMOD HESHW1D

/* HESHW1D World */
typedef struct TYPEMOD
{
    VAR T;
    VAR SO;
    VAR divid;
    VAR flat_flag;
    VAR kr;
    VAR Sigmar;
    VAR VO;
    VAR kV;
    VAR thetaV;
    VAR SigmaV;
    VAR RhoSr;
    VAR RhoSV;
    VAR RhorV;

} TYPEMOD;

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

#endif
```

## References