

[Help](#)

```
#ifndef _Cir2D_H
#define _Cir2D_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"

#define TYPEMOD Cir2D

/*2D Cir World*/
typedef struct TYPEMOD
{
    VAR T;
    VAR x01;
    VAR x02;
    VAR k1;
    VAR k2;
    VAR Sigma1;
    VAR Sigma2;
    VAR theta1;
    VAR theta2;
    VAR shift;
} TYPEMOD;

#endif
```