

```
////////////////////////////////////  
//                                                                    //  
// Transformation algorithm into the Japanese new transient engine test cycle //  
// --- for Spark ignition, FORTRAN version ---                          //  
//                                                                    //  
////////////////////////////////////
```

### 1.PLATFORMS

This program is platform independent and is checked operation by the following OS.  
Windows XP, 2000, NT4.0, 98  
Red Hat Linux 7.2  
Sun OS 5.6

### 2.PROGRAMING LANGUAGE

FORTRAN90  
! This source code supports the standard Fortran90 or later.  
! Note that cannot be compiled in fortran77 environment.

### 3.FILE LIST

This distribution is composed of following 5 files .  
convG.f90 : program source code  
Moe\_ed12G.txt : ED12 mode file  
DATA : definition file  
spec\_moeG2.txt : sample of specification data  
maxtq\_moeG.txt : sample of maximum torque data

### 4.TESTED COMPILER AND HOW TO COMPLIE

Note that you need to have a standard Fortran90 compiler to compile this program.  
You can use only a file 'convG.f90' to build the executable file.  
No other special library or compiler option is needed.  
See your compiler's manual for detail.

This program is checked operation by the following compilers.  
For reference, compiling command to make executable file('convG.exe' for Windows,  
'convG' for Linux&UNIX) is also shown under the list.

#### for Windows

- (1)Intel Fortran Compiler for Windows (Version6.0)  
>> ifl convG.f90 /FeconvG.exe
- (2)Fujitsu Fortran & C Package for Windows (V2.1, V3.0L10)  
>> frt convG.f90 -o convG.exe
- (3)Compaq Visual Fortran for Windows (version 6.6.a)  
>> df convG.f90 /exe:convG.exe

#### for Linux

- (4)Fujitsu Fortran & C Package for Linux (V3)  
>> frt -o convG convG.f90
- (5)Intel Fortran Compiler for Windows (Version6.0)  
>> ifc -oeconvG convG.f90

#### for UNIX

- (6) Sun Workshop Compilers 4.2 (FORTRAN 90 1.2)  
>> f90 convG.f90 -o convG