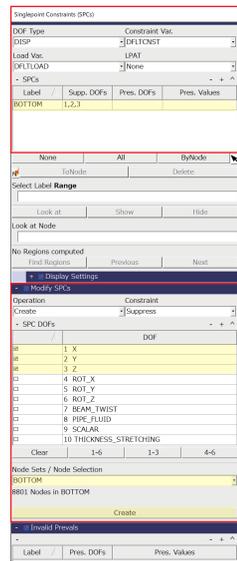
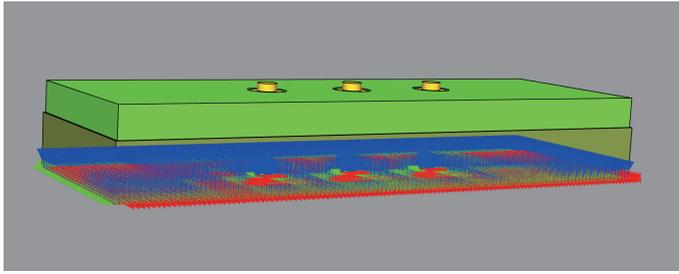


1-4) ボトムを拘束する：

「BOTTOM」



↓ \$STRUCTURE ↓

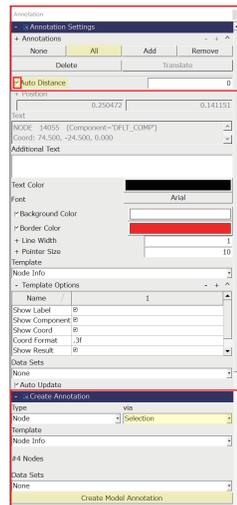
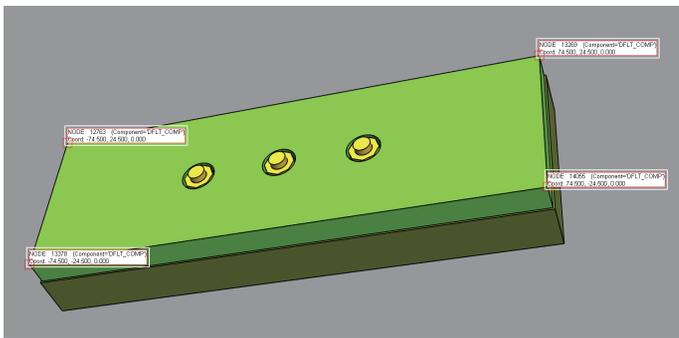
```
$NSET NAME = BOTTOM
85339 85340 85341 85342 85343
```

↓ \$CONSTRAINTS

```
$SUPPRESS DOFS = 1,2,3 DOFTYPE = DISP
BOTTOM ↓
```

1-5) 微弱バネを張る：Rigid body modes

→ 上面角に4つ張る



↓ \$STRUCTURE ↓

```
$ELEMENT TYPE = CA1ZERF3 ESET = ESET_COMP_SPRING
101 12763 ↓
102 13269 ↓
103 13378 ↓
104 14055 ↓
```

```
$PART NAME = COMP_SPRING
ESET_COMP_SPRING ↓
```

↓ \$SYSTEM

```
$GEODAT ZEROFORC CONT = STIFF ↓
GEODAT_COMP_SPRING 1.000000E+00 1.000000E+00 1.000000E+00
$ELPROP ↓
ESET_COMP_SPRING GEODAT = GEODAT_COMP_SPRING ↓
```

1-6) 「cnt.hdf」 ファイル生成させる：

EXECUTION SECTION ↓

--- STATIC ↓

```
EXPORT ↓
ITEM MODL ↓
GO PERMAS BINARY FILE = out/cnt ↓
RETURN ↓
TASK END ↓
```

「out」フォルダ



1-7) VisPER で結果を読み込む：接触解析

「cnt.hdf」、「3bolts.uci」

