

```
>> tf8toMPC=setmpcsignals(tf8,'MD',2,'MV',1)

tf8toMPC =

    From input "u1" to output "y1":
           0.01479 z^-1
    -----
    1 - 0.8496 z^-1 - 0.1496 z^-2

    From input "u2" to output "y1":
           0.0008063
    -----
    1 - 0.9992 z^-1

Input groups:
      Name      Channels
  Measured         2
  Manipulated      1

Output groups:
      Name      Channels
  Measured         1

Name: tf8
Sample time: 1 seconds
Discrete-time identified transfer function.

Parameterization:
  Number of poles: [2 1]   Number of zeros: [1 0]
  Number of free coefficients: 5
  Use "tfdata", "getpvec", "getcov" for parameters and their uncertainties.

Status:
Estimated using TFEST on time domain data "ident_labsys".
Fit to estimation data: 93.45% (stability enforced)
FPE: 0.5051, MSE: 0.5045
>> step(tf8)
>>
```