

```
>> clear all
>> % Crea los datos de la apertura y lee los del escenario de sou_m2l
>> array_m2l
```

```
-----
The number of snapshots is...5000
```

```
The number of sources is...3
```

```
Source #1--> 10dB 0 ° elevation
```

```
Source #2--> 20dB 70 ° elevation
```

```
Source #3--> 20dB -20 ° elevation
```

```
The number of sensors is...16
```

```
>> % Calcula los snapshots. Los guarda en un fichero .mat si lo desea.
```

```
>> % Siempre guarda la matriz de covarianza estimada en cov y la misma matriz
```

```
>> % sin la deseada que se asume que es la primera fuente que lista en sou_m2l.
```

```
>> % Esta version genera 5000 snapshots, asi pues tardara y, si se activa el
```

```
>> % guardar todos los snapshots ocupara mucha memoria.
```

```
>> mp2l
```

```
-----
The number of snapshots is...5000
```

```
The number of sources is...3
```

```
Source #1--> 10dB 0 ° elevation
```

```
Source #2--> 20dB 70 ° elevation
```

```
Source #3--> 20dB -20 ° elevation
```

```
The number of sensors is...16
```

```
The snapshots are not saved, just the covariance
```

```
Cov estimate in matrix cov and exact covariance in ecov saved in file cov2l.mat
```

```
Cov estimate without the first source contribution saved as covn in file covn2l.mat
```

```
>>>> % Este programa usara la covarianza estimada que antes grabo. El vector apat le
da
```

```
>> % las opciones. Use solo las dos primeras activadas como maximo por ahora.
```

```
>> % El programa usa dib_mal.m y pattern para los dibujos en pantalla.
```

```
>> mi_beam2l
```

```
File mp2l.m defines the scenario to be used in this program
-----
```

```
The number of snapshots is...5000
```

```
The number of sources is...3
```

```
Source #1--> 10dB 0 ° elevation
```

```
Source #2--> 20dB 70 ° elevation
```

```
Source #3--> 20dB -20 ° elevation
```

```
The number of sensors is...16
```

```
    Elevation scanning data
```

```
Elevation of the desired 0°
```

```
quiescent response
```

```
Optimum as rx-1*sd
```

```
>>
```