The program will be executed typing the following MATLAB command:

>> Ejecutar\_Main

The execution parameters, their location line in the algorithm and their respective description are shown in Table 1.

**Table 1.** SCSV\_IPS execution parameters

|  |  |  |
| --- | --- | --- |
| Line | Variable | Description |
| 6 | Noise | Noise Level in dB |
| 13 | Iter | Maximum number of iterations |
| 16 | Var\_ent.kappa | Theoritical value of the estimated parameter |
| 27 | Method | Estimation strategy. y correspond to the TRR and PSO, respectively. |
| 31 | Var\_ent.nder | Number of nodes in the radial coodinate. |
| 32 | Var\_ent.ndet | Number of nodes in the azimuthal coodinate. |
| 33 | Var\_ent.ndt | Number of time nodes |
| 34 | Var\_ent.tf | Dimensionless simulation time |