Table 2. **GA** and **PSO** parameters.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Symbol** | | **Value** | |
| PSO | GA | PSO | GA |
| Maximum Number of Iterations | MaxIt | MaxIt | 1000 | 1000 |
| Population Size | nPop | popsize | 150 | 150 |
| Number of Decision Variables | nVar | dimension | 5, 9, 14 | 5, 9, 14 |
| Upper & Lower Bound of Variables | VarMin  VarMax | x\_bound | -2000  2000 | -2000,2000 |
| Objective Function | ObjFun | ObjFun | nested m-file | nested m-file |