Wyniki testu dla sesji: 27

Testowany algorytm: CHOA

Na podstawie funkcji testowych: Sphere, Rastrigin

## Test na funkcji testowej Sphere

| Populatio<br>nSize | Dimensio<br>n | MaxIterati<br>on | minM | maX | minC | maxC |
|--------------------|---------------|------------------|------|-----|------|------|
| 10                 | 3             | 10               | 0    | 0,1 | 0    | 0,1  |

| XBest  | FBest                 |
|--|-----------------------|
| -1,5700055264877374E-10;<br>2,3909164852144694E-11;<br>-8,26036333592375E-11 | 3,204418194009474E-20 |

| Populatio<br>nSize | Dimensio<br>n | MaxIterati<br>on | minM | maX | minC | maxC |
|--------------------|---------------|------------------|------|-----|------|------|
| 10                 | 3             | 10               | 0    | 0,1 | 0    | 0,48 |

| XBest  | FBest                 |
|--|-----------------------|
| -1,5700055264877374E-10;<br>2,3909164852144694E-11;<br>-8,26036333592375E-11 | 3,204418194009474E-20 |

| Populatio<br>nSize | Dimensio<br>n | MaxIterati<br>on | minM | maX | minC | maxC |
|--------------------|---------------|------------------|------|-----|------|------|
| 10                 | 3             | 10               | 0    | 0,1 | 0    | 0,86 |

| XBest  | FBest                 |
|--|-----------------------|
| -1,5700055264877374E-10;<br>2,3909164852144694E-11;<br>-8,26036333592375E-11 | 3,204418194009474E-20 |

| Populatio<br>nSize | Dimensio<br>n | MaxIterati<br>on | minM | maX | minC | maxC |
|--------------------|---------------|------------------|------|-----|------|------|
| 10                 | 3             | 10               | 0    | 0,1 | 0    | 1,24 |

| XBest | FBest |
|-------|-------|
|       |       |

| -1,5700055264877374E-10;<br>2,3909164852144694E-11;<br>-8,26036333592375E-11 | 3,204418194009474E-20 |  |
|--|-----------------------|--|
|--|-----------------------|--|

| Populatio<br>nSize | Dimensio<br>n | MaxIterati<br>on | minM | maX | minC | maxC |
|--------------------|---------------|------------------|------|-----|------|------|
| 10                 | 3             | 10               | 0    | 0,1 | 0    | 1,62 |

| XBest  | FBest                 |
|--|-----------------------|
| -1,5700055264877374E-10;<br>2,3909164852144694E-11;<br>-8,26036333592375E-11 | 3,204418194009474E-20 |

## Test na funkcji testowej Rastrigin

| Populatio<br>nSize | Dimensio<br>n | MaxIterati<br>on | minM | maX | minC | maxC |
|--------------------|---------------|------------------|------|-----|------|------|
| 10                 | 3             | 10               | 0    | 0,1 | 0    | 0,1  |

| XBest   | FBest                 |
|---|-----------------------|
| 3,868908923715224E-05;<br>3,577857382690612E-05;<br>2,602375114217858E-05 | 6,852834850690215E-07 |

| Populatio<br>nSize | Dimensio<br>n | MaxIterati<br>on | minM | maX | minC | maxC |
|--------------------|---------------|------------------|------|-----|------|------|
| 10                 | 3             | 10               | О    | 0,1 | 0    | 0,48 |

| XBest   | FBest                 |
|---|-----------------------|
| 3,868908923715224E-05;<br>3,577857382690612E-05;<br>2,602375114217858E-05 | 6,852834850690215E-07 |

| Populatio<br>nSize | Dimensio<br>n | MaxIterati<br>on | minM | maX | minC | maxC |
|--------------------|---------------|------------------|------|-----|------|------|
| 10                 | 3             | 10               | 0    | 0,1 | 0    | 0,86 |

| XBest   | FBest                 |
|---|-----------------------|
| 3,868908923715224E-05;<br>3,577857382690612E-05;<br>2,602375114217858E-05 | 6,852834850690215E-07 |

| Populatio<br>nSize | Dimensio<br>n | MaxIterati<br>on | minM | maX | minC | maxC |
|--------------------|---------------|------------------|------|-----|------|------|
| 10                 | 3             | 10               | 0    | 0,1 | 0    | 1,24 |

| XBest   | FBest                 |
|---|-----------------------|
| 3,868908923715224E-05;<br>3,577857382690612E-05;<br>2,602375114217858E-05 | 6,852834850690215E-07 |

| Populatio<br>nSize | Dimensio<br>n | MaxIterati<br>on | minM | maX | minC | maxC |
|--------------------|---------------|------------------|------|-----|------|------|
| 10                 | 3             | 10               | 0    | 0,1 | 0    | 1,62 |

| XBest   | FBest                 |
|---|-----------------------|
| 3,868908923715224E-05;<br>3,577857382690612E-05;<br>2,602375114217858E-05 | 6,852834850690215E-07 |