

## Załącznik do raportu

Objaśnienia do oznaczeń na wykresach:

P - wielkość populacji,

E - liczba osobników populacji zachowywanych w następnej iteracji,

I - liczba iteracji,

M - prawdopodobieństwo mutacji

DT - łączna długość trakcji,

KT - koszt jednostki trakcji,

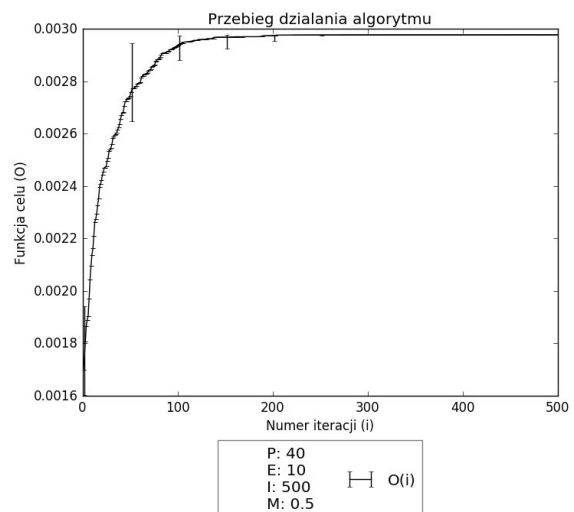
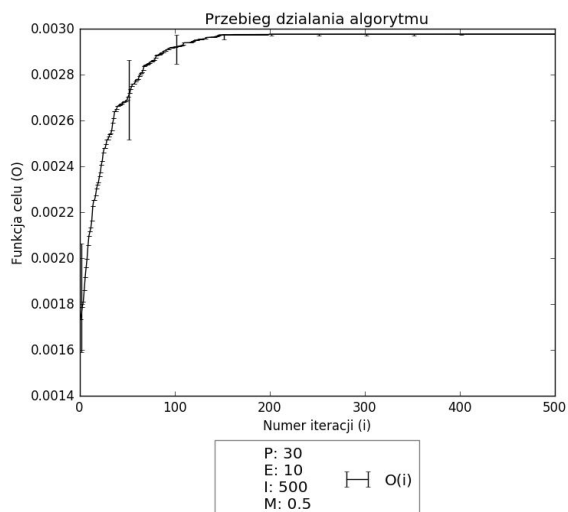
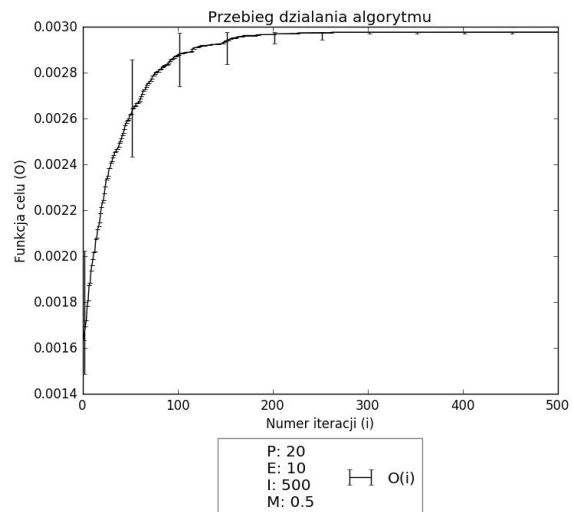
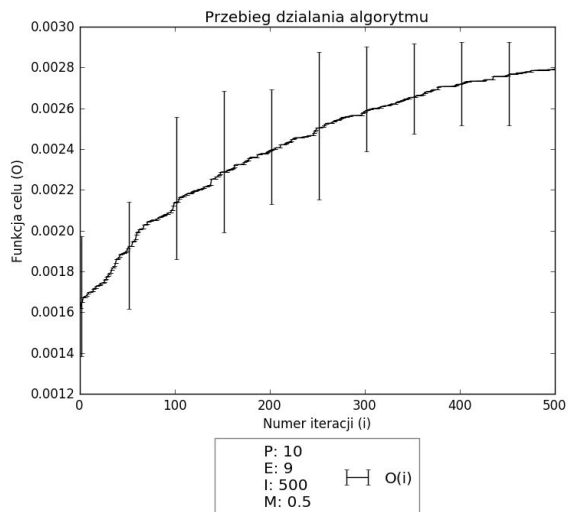
DE - długość sieci energetycznej,

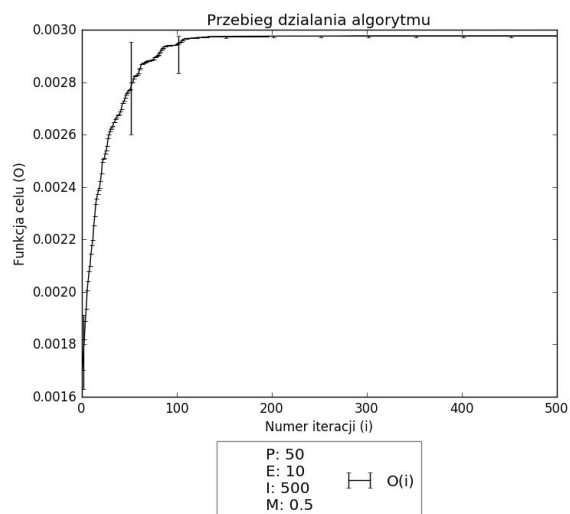
KE - koszt jednostki sieci energetycznej,

FC - funkcja celu,

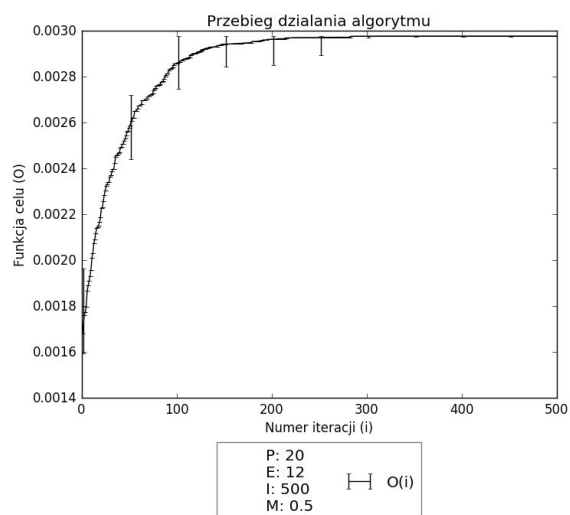
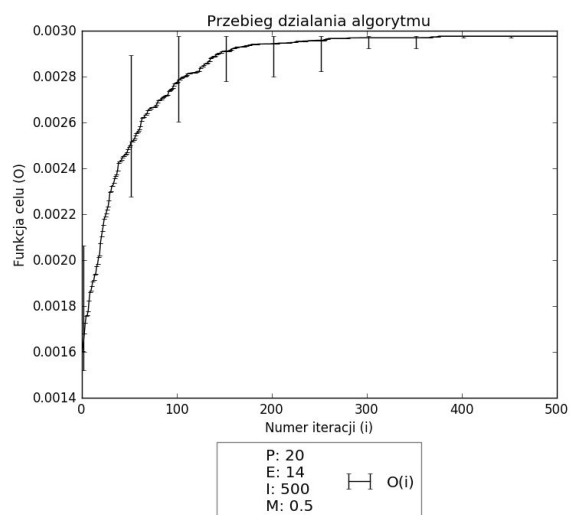
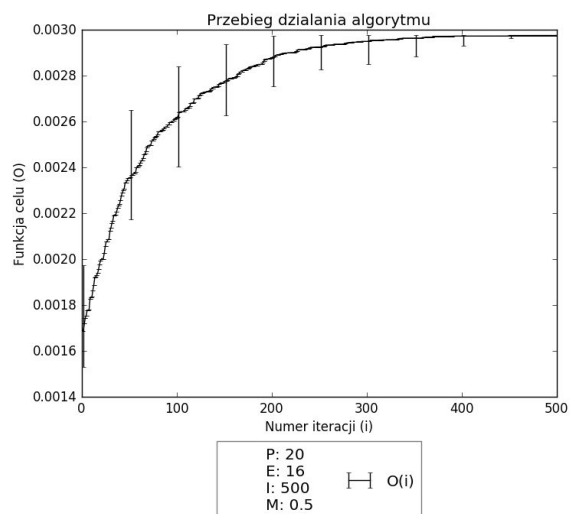
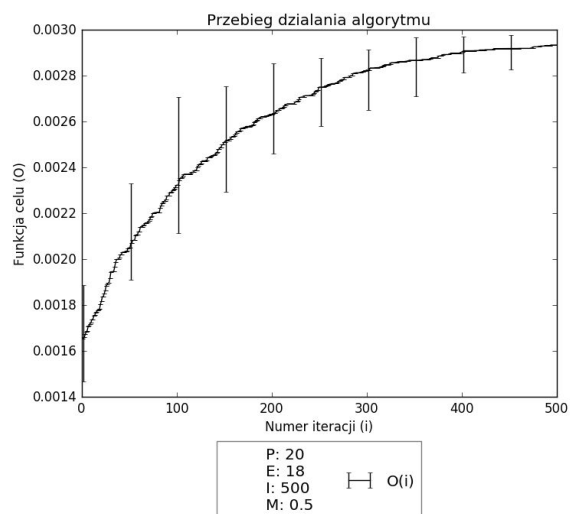
KC - koszt całkowity sieci,

### 1.1 Kalibracja wielkości populacji dla TC\_003



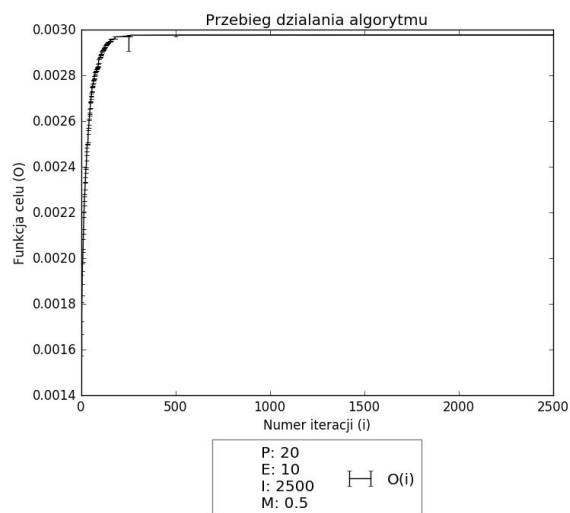
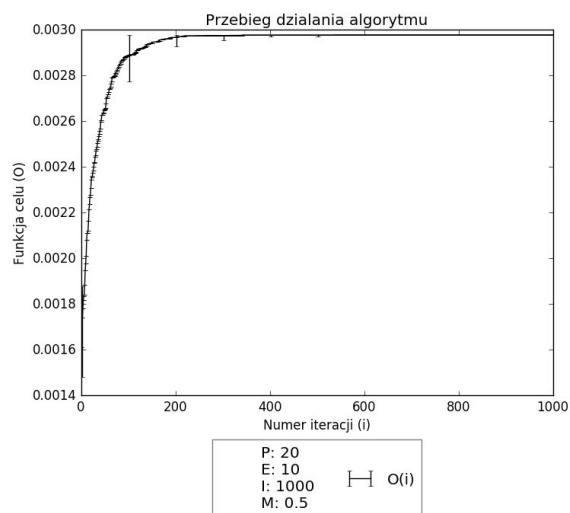
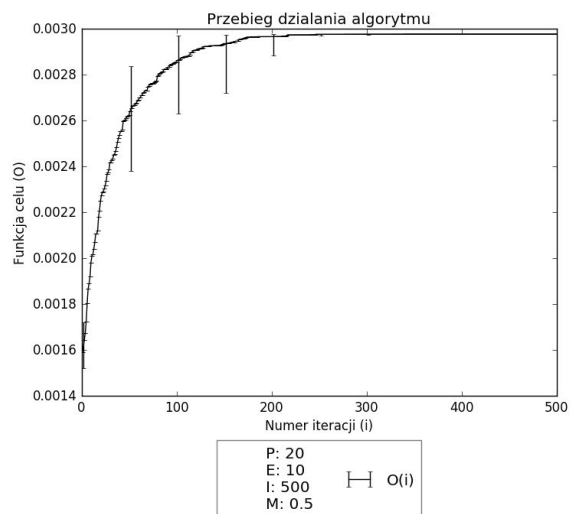
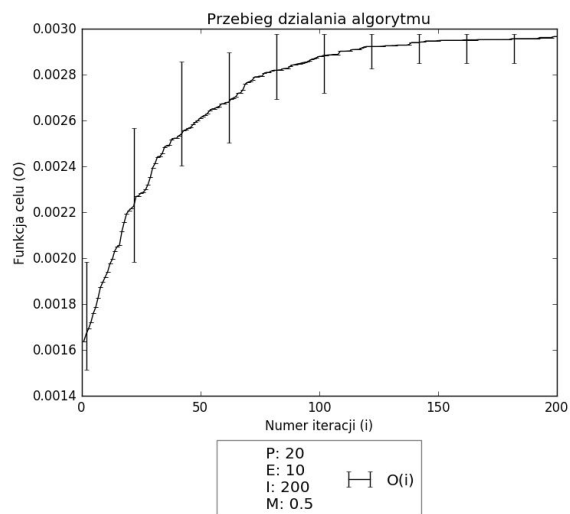
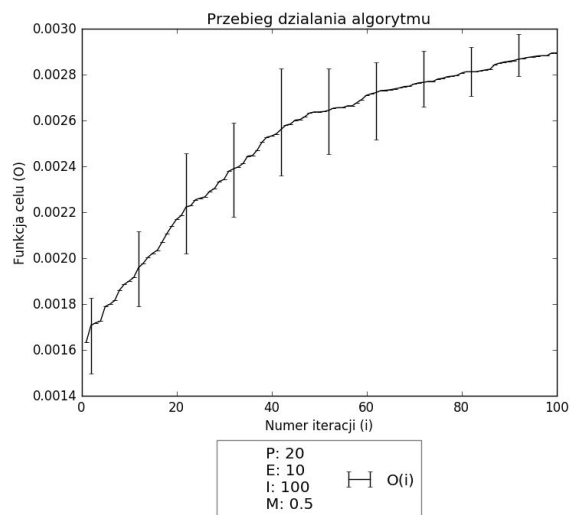
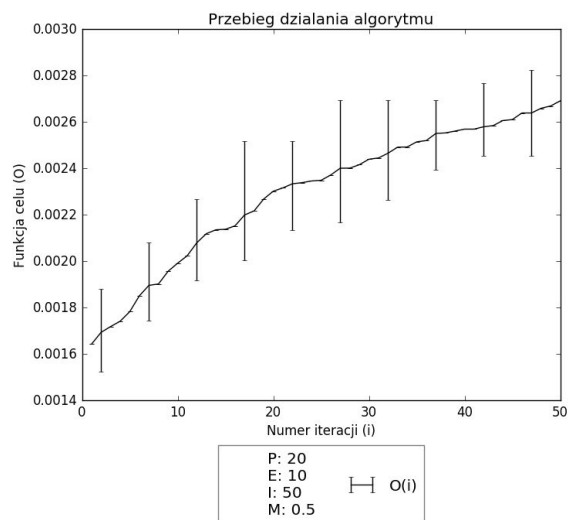


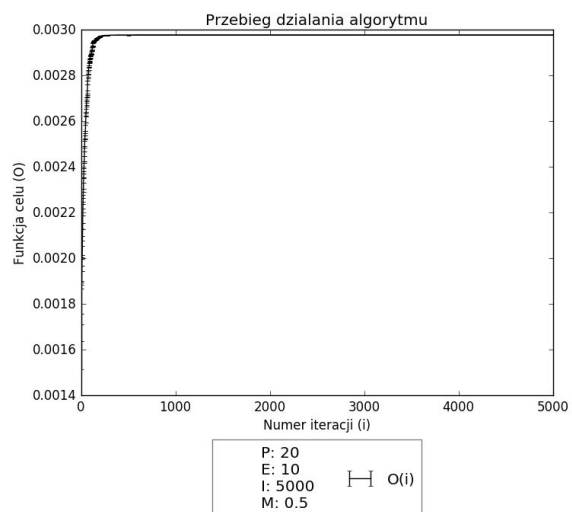
## 1.2 Kalibracja liczby zachowanych osobników dla TC\_003



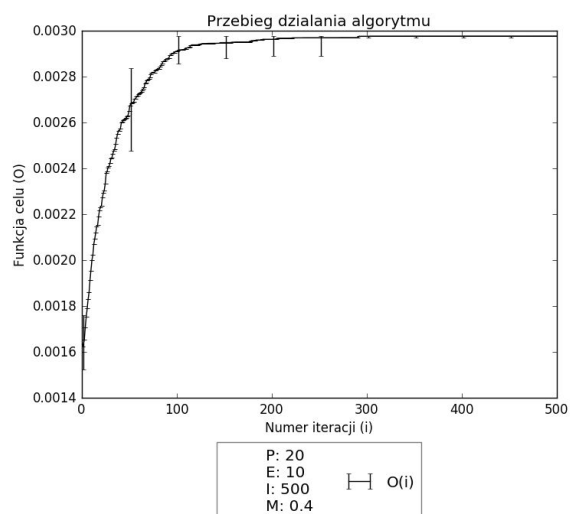
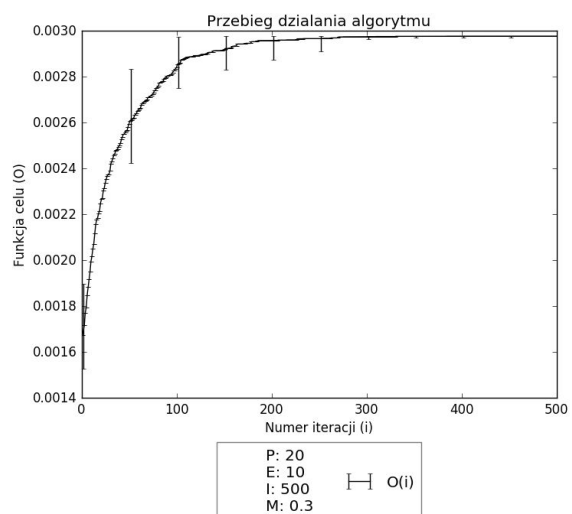
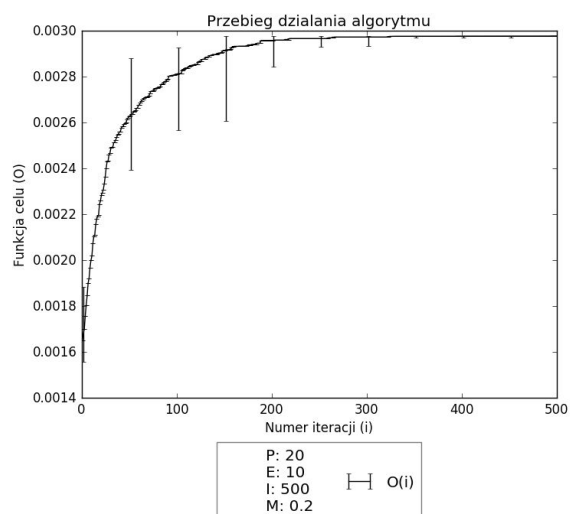
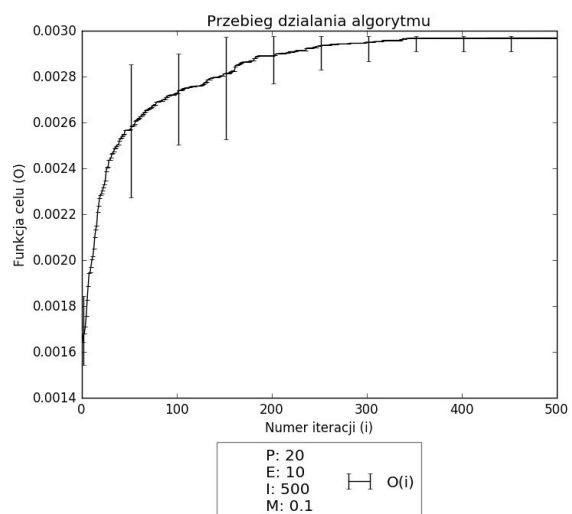


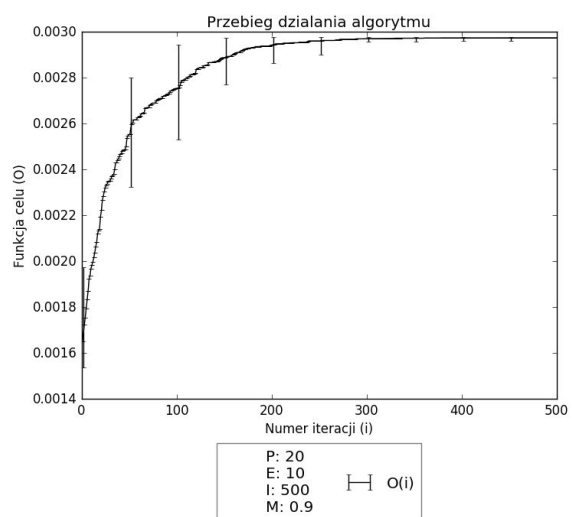
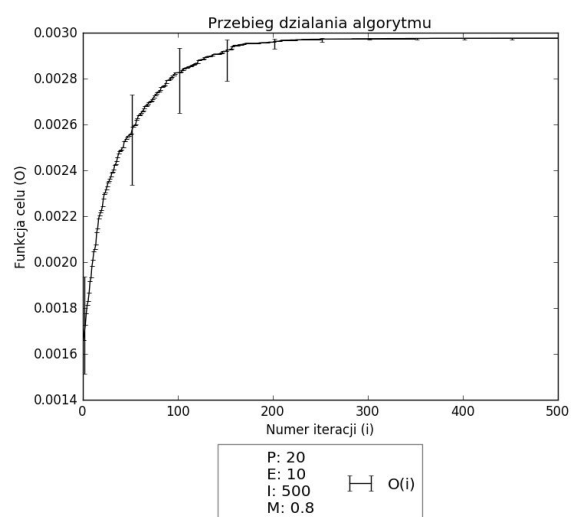
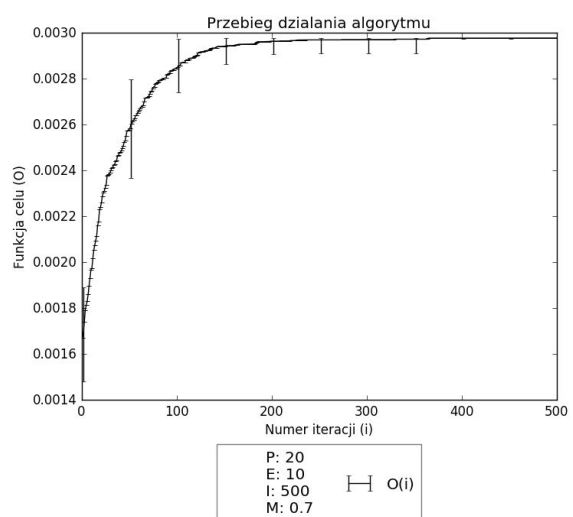
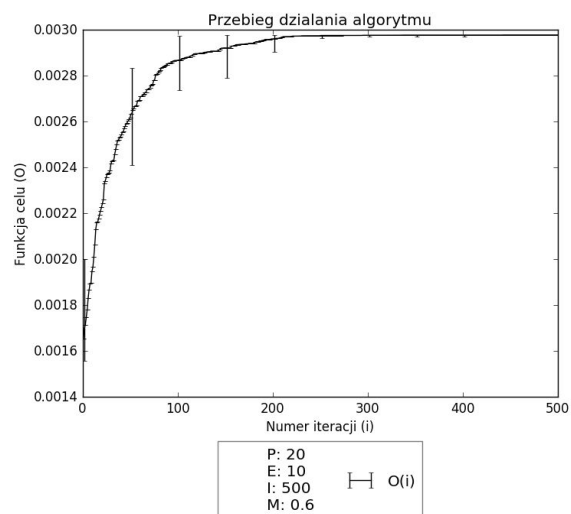
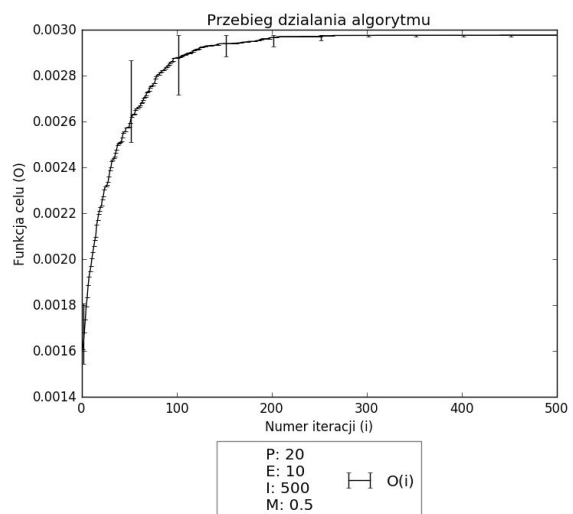
### 1.3 Kalibracja liczby iteracji dla TC\_003



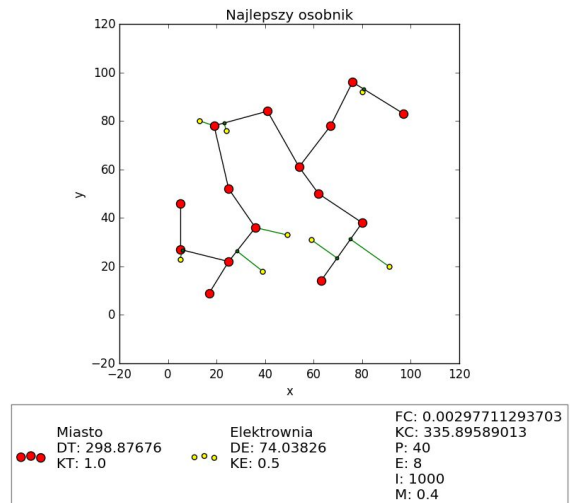
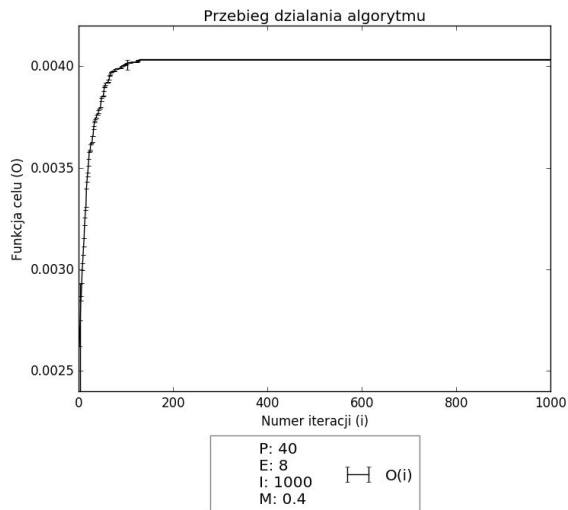


## 1.4 Kalibracja prawdopodobieństwa dla TC\_003

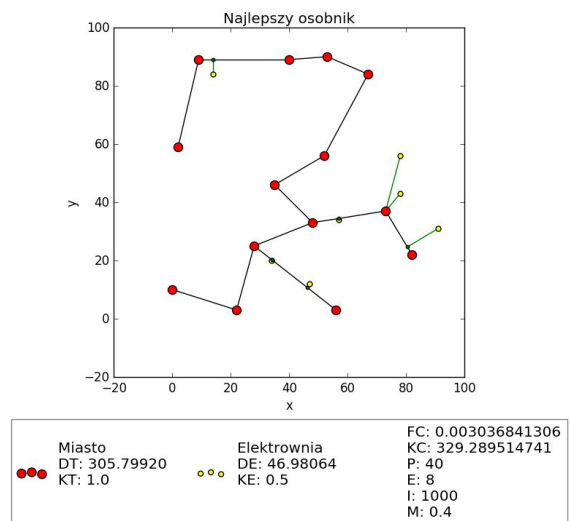
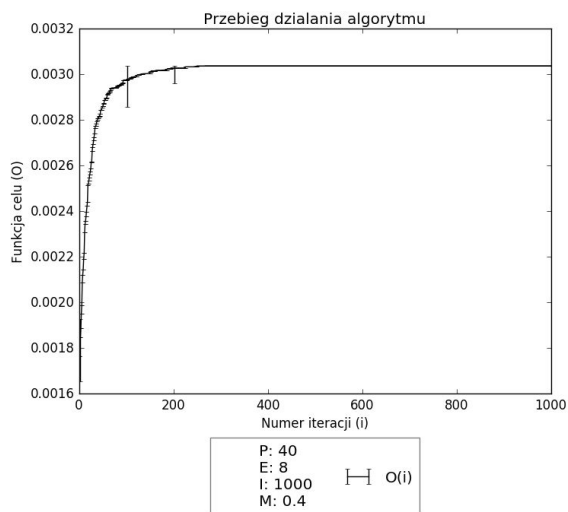




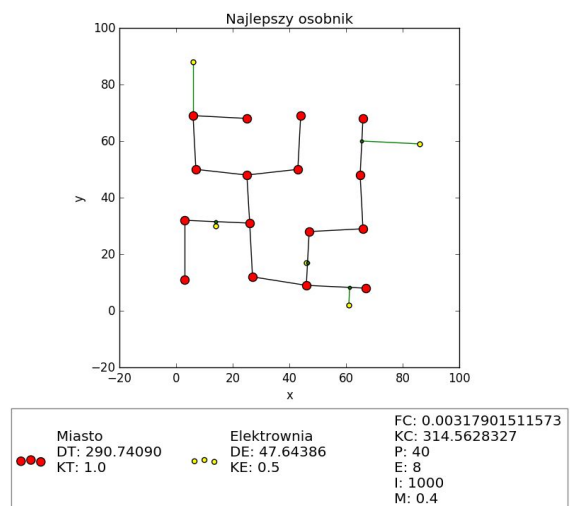
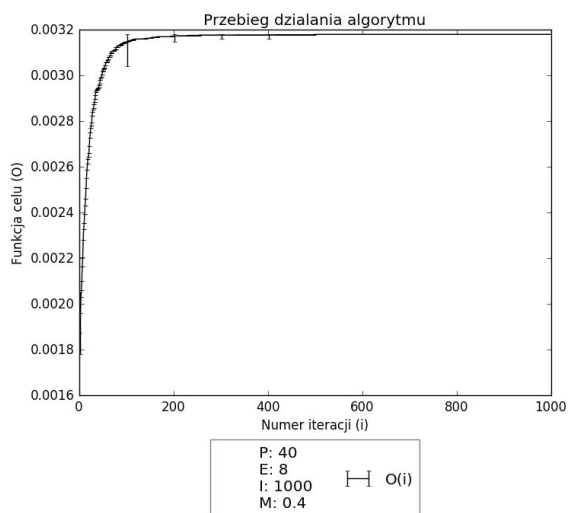
## 2.1 Testy dla TC\_003



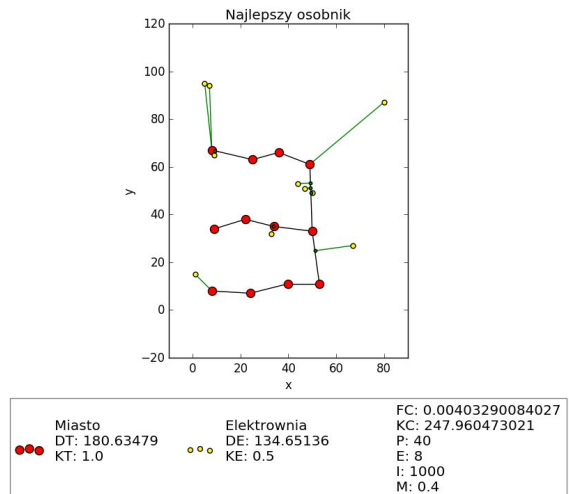
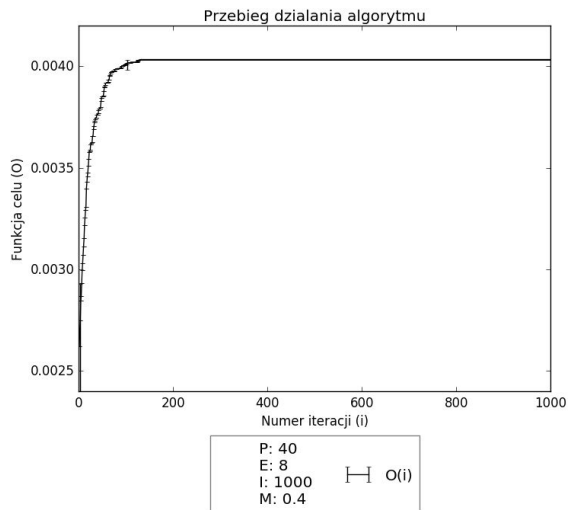
## 2.2 Testy dla TC\_004



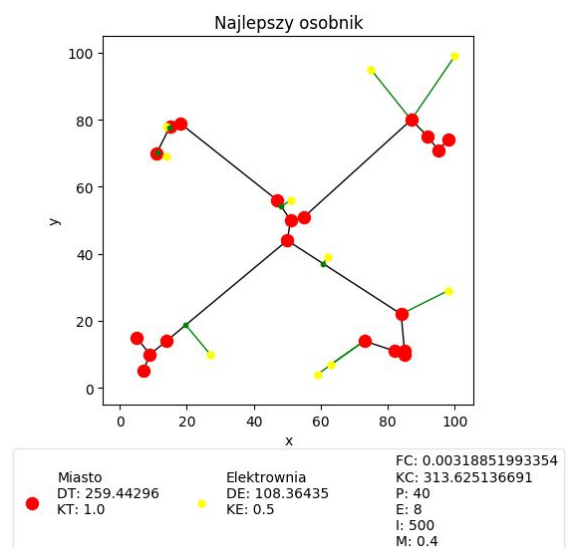
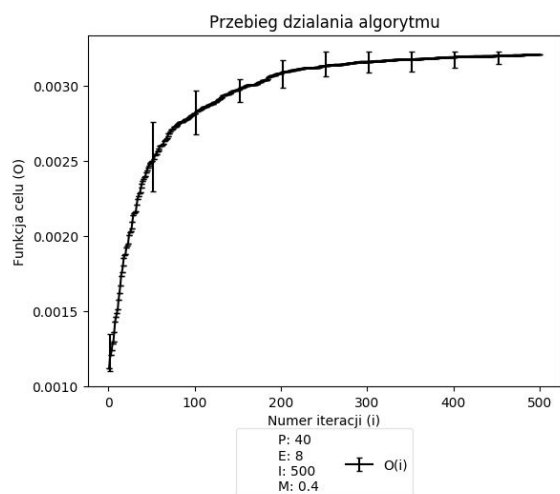
## 2.3 Testy dla TC\_005



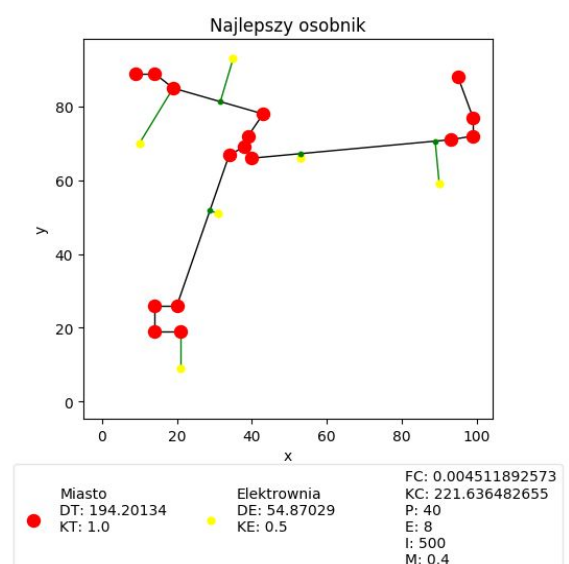
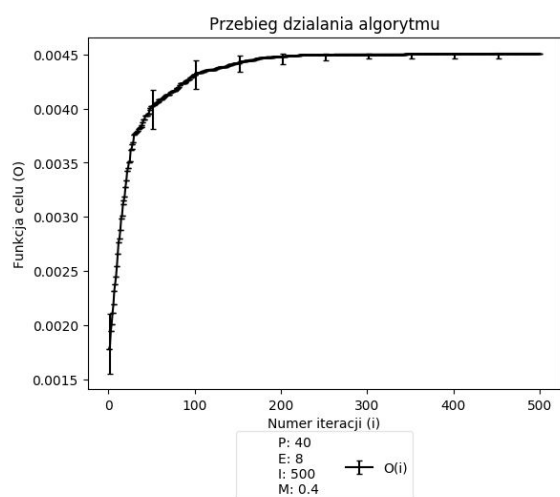
## 2.4 Testy dla TC\_006



## 2.5 Testy dla TC\_007

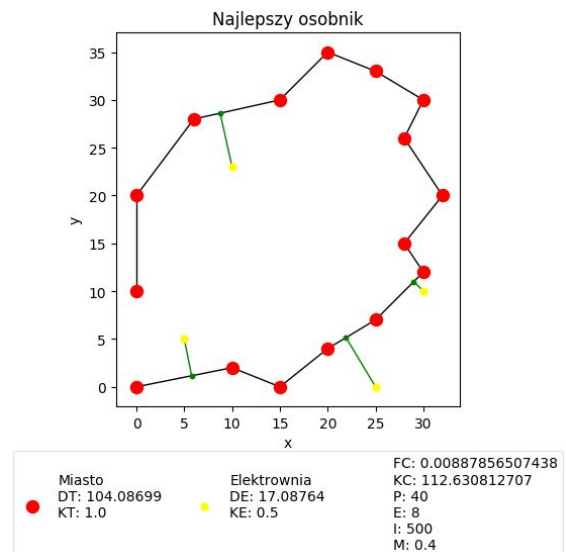
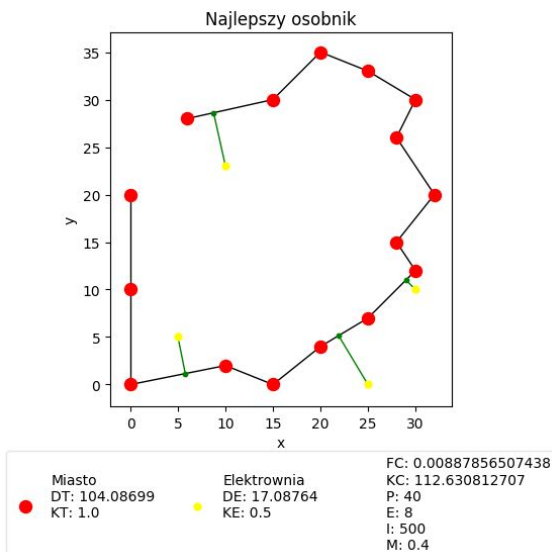
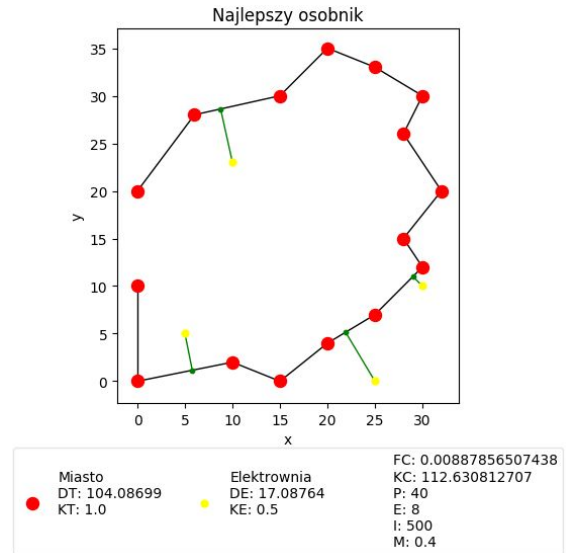
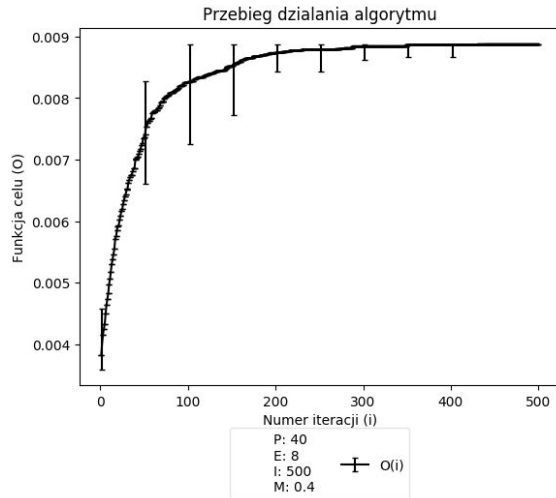


## 2.6 Testy dla TC\_008

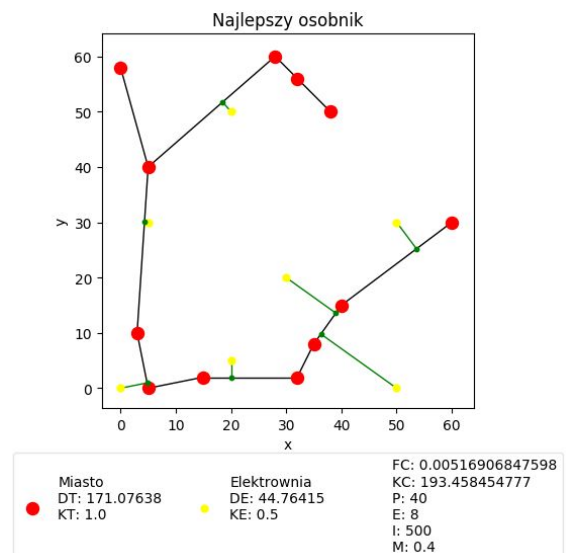
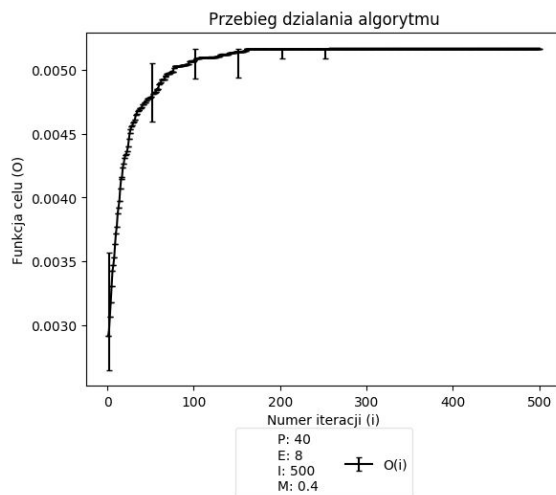




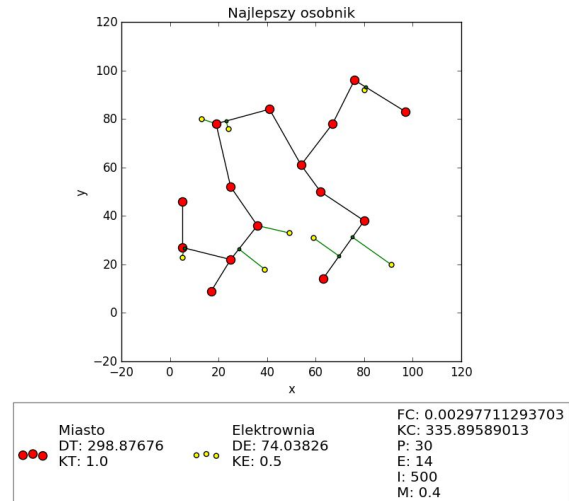
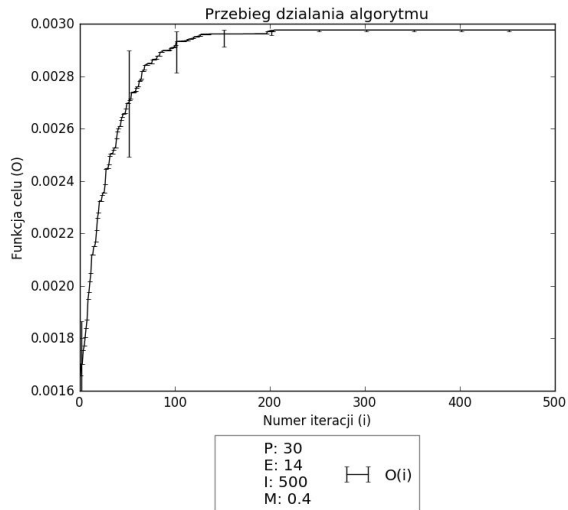
## 2.7 Testy dla TC\_010



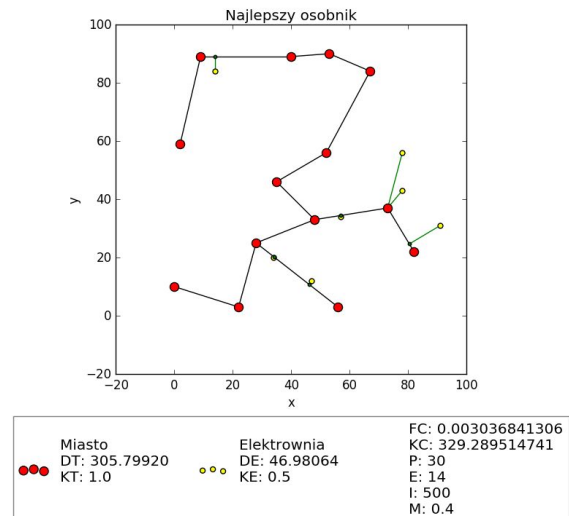
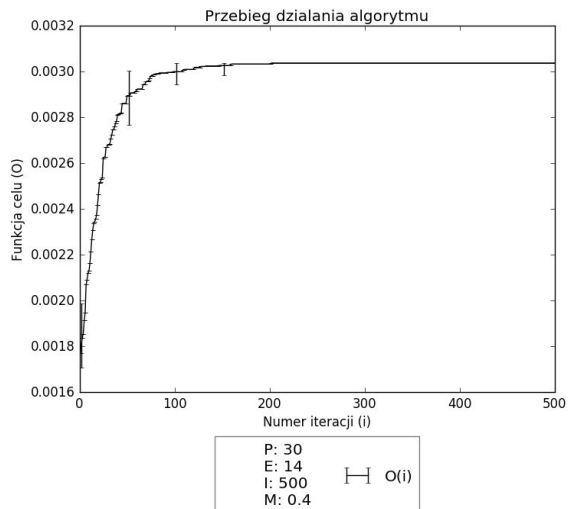
## 2.8 Testy dla TC\_011



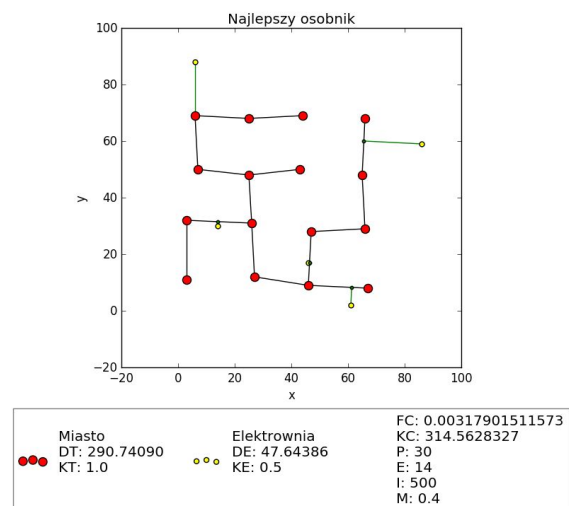
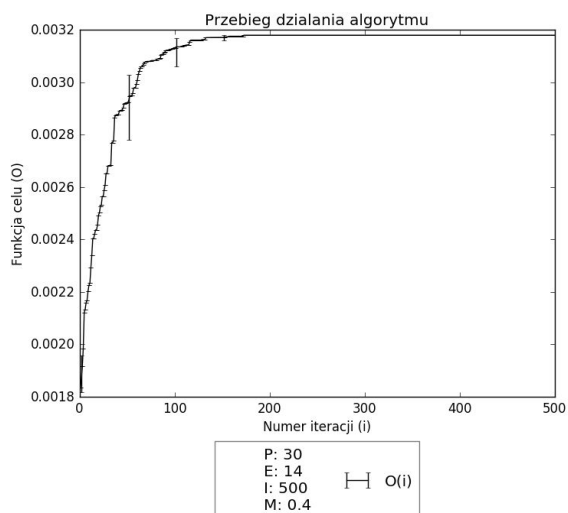
### 3.1 Testy dla TC\_003



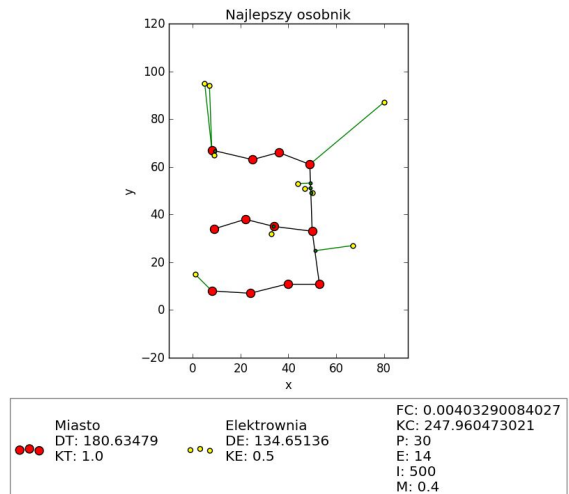
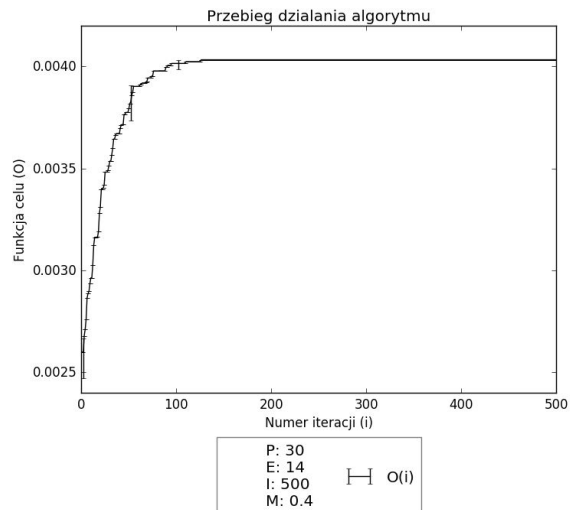
### 3.2 Testy dla TC\_004



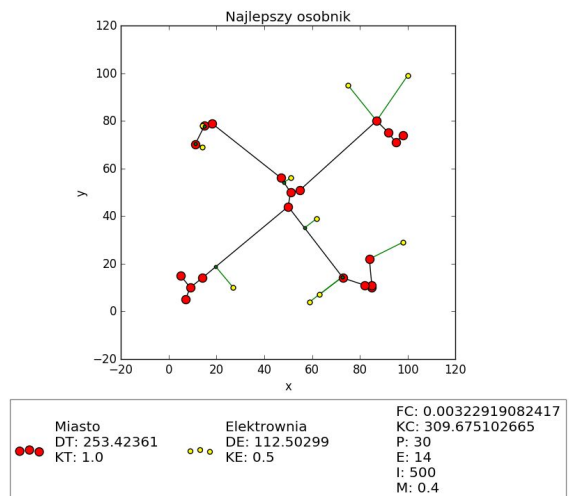
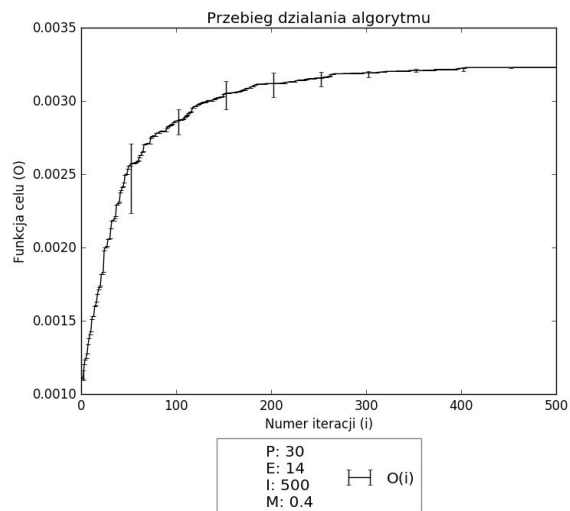
### 3.3 Testy dla TC\_005



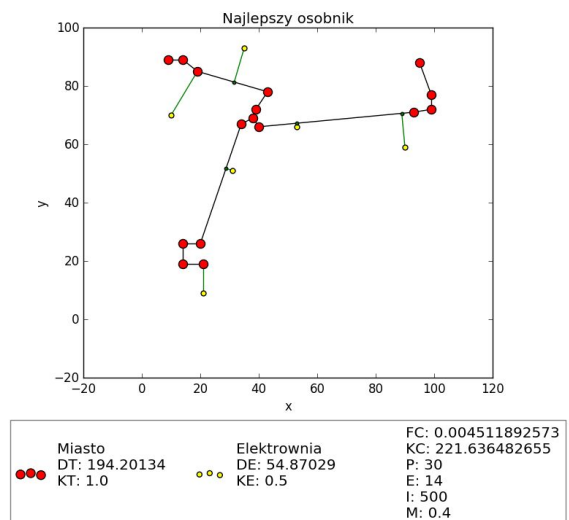
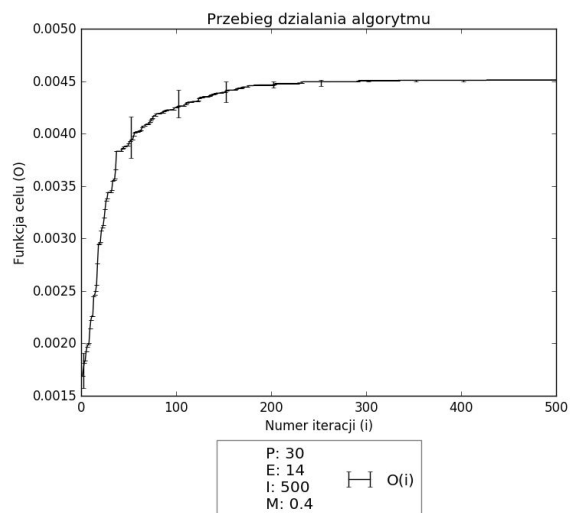
### 3.4 Testy dla TC\_006



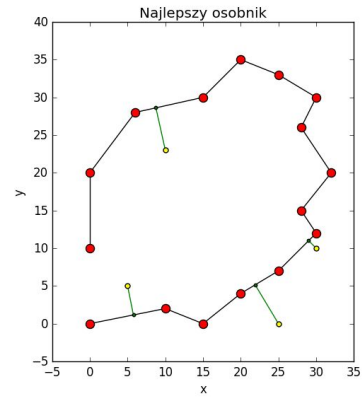
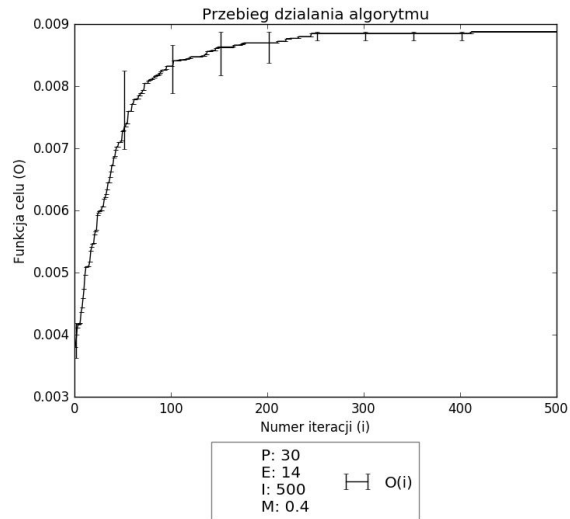
### 3.5 Testy dla TC\_007



### 3.6 Testy dla TC\_008

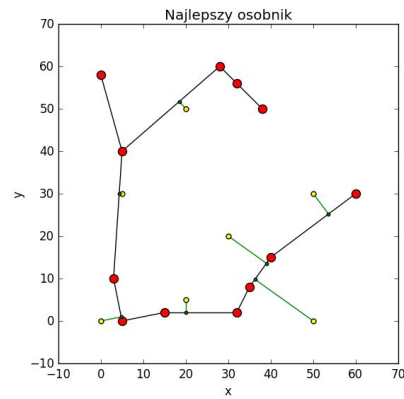
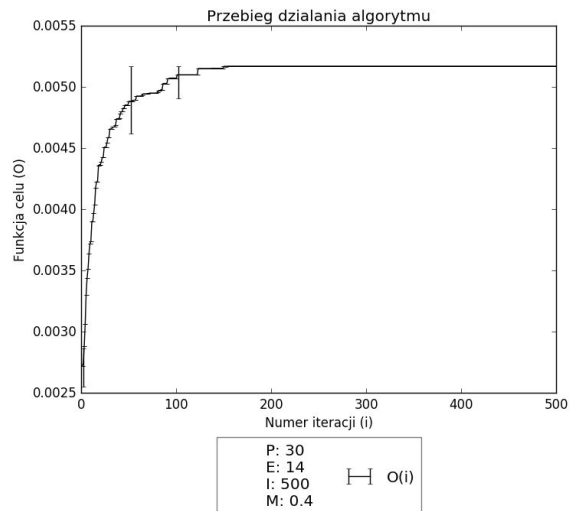


### 3.7 Testy dla TC\_010



|  |               |  |              |                      |
|--|---------------|--|--------------|----------------------|
| <div> <div></div> <div></div> <div></div> </div> | Miasto        |  | Elektrownia  | FC: 0.00887856507438 |
|  | DT: 104.08699 |  | DE: 17.08764 | KC: 112.630812707    |
|  | KT: 1.0       |  | KE: 0.5      | P: 30                |
|  |               |  |              | E: 14                |
|  |               |  |              | I: 500               |
|  |               |  |              | M: 0.4               |

### 3.8 Testy dla TC\_011



|  |               |  |              |                      |
|--|---------------|--|--------------|----------------------|
| <div> <div></div> <div></div> <div></div> </div> | Miasto        |  | Elektrownia  | FC: 0.00516906847598 |
|  | DT: 171.07638 |  | DE: 44.76415 | KC: 193.458454777    |
|  | KT: 1.0       |  | KE: 0.5      | P: 30                |
|  |               |  |              | E: 14                |
|  |               |  |              | I: 500               |
|  |               |  |              | M: 0.4               |