|  |  |  |  |
| --- | --- | --- | --- |
|  | | | |
|  | |  | **Wydział Informatyki i Zarządzania**  kierunek studiów: Informatyka  specjalność: Inżynieria Oprogramowania  Praca dyplomowa - magisterska  **Algorytmy ewolucyjne w zadaniu klasteryzacji.**  Jarosław Wojtasik  słowa kluczowe:  1 linia  2 linia  3 linia  krótkie streszczenie:  1 linia  2 linia  3 linia  4 linia  5 linia  6 linia   |  |  |  |  | | --- | --- | --- | --- | | Promotor: | ............................. | ......................... | ....................... | |  | *imię i nazwisko* | *ocena* | *podpis* |   *Do celów archiwalnych pracę dyplomową zakwalifikowano do:\**  *a) kategorii A (akta wieczyste)*  *b) kategorii BE 50 (po 50 latach podlegające ekspertyzie)*  *\* niepotrzebne skreślić*   |  | | --- | | Pieczątka instytutu, w którym student wykonywał pracę | |
|  |  |  | Wrocław 2011 |

Spis treści

[1 Nag 1 1](#_Toc288073951)

[1.1 Nag 1.1 1](#_Toc288073952)

[1.2 Nag 1.2 2](#_Toc288073953)

[1.2.1 Nag 1.2.1 3](#_Toc288073954)

[2 Nag2 4](#_Toc288073955)

Streszczenie

Abstract

# Nag 1

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

Sdf

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

## Nag 1.1

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

## Nag 1.2

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

### Nag 1.2.1

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

# Nag2

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf

Alkjsdflkjahsdlkfjhalskdjfh laksjdhf lkajsdf

Asdf asdfa

Sofa

Sdf

Asdfasdfasdfasdf

Asdfa.sd,fn;asdnf;asdnfasdnlfauehlfiuhasldkf asdf

Asdfkjahsdfiuyabslaiubvlakbv

sdf