Turinys

1 Duomenų struktūros **1**

1.1 Masyvai ir įrašai . . . 1

1.1.1 Masyvai . . . 1

1.1.2 Įrašai . . . 1

1.2 Tiesinis sąrašas . . . 1

1.2.1 Vienakryptis tiesinis sąrašas . . . 1

1.2.2 Pagrindiniai vienakrypčio sąrašo veiksmai . . . 1

1.2.3 Dvikryptis tiesinis sąrašas . . . 1

1.2.4 Ciklinis sąrašas . . . 1

1.3 Paprasčiausios tiesinės duomenų struktūros . . . 1

1.3.1 Dėklas . . . 1

1.3.2 Dėklo taikymas . . . 1

1.3.3 Eilė . . . 1

1.3.4 Dvipusė eilė . . . 1

1.4 Dvejetainis medis . . . 2

1.4.1 Medžio veiksmai . . . 2

1.4.2 Dvejetainis paieškos medis . . . 2

1.4.3 Paieškos algoritmo sudėtingumas . . . 2

1.5 Sudėtingesni dvejetainiai medžiai . . . 2

1.5.1 AVL paieškos medis . . . 2

1.5.2 Piramidė . . . 3

1.5.3 B medžiai . . . 3

1.6 Užduotys . . . 3

Część 3

Drzewiaste struktury

Tutaj będziemy zajmowali się drzewiastymi strukturami danych. Zaczniemy od prostych, binarnych drzew poszukiwań, które są bardzo ważne w informatyce teoretycznej. Następnie przejdziemy do bardziej praktycznych struktur, takich jak kopiec, kopiec dwumianowy, kopiec Fibonacciego, drzewo przedziałowe, drzewo czerwono-czarne, drzewo AVL, drzewo splayowe, drzewo BB[α], drzewo Fibonacciego, drzewo Cartesiana, drzewo Kartezjańskie, drzewo Trie, drzewo Patricia, drzewo Ukkonena, drzewo Aho-Corasick, drzewo Ukkonena, drzewo Aho-Corasick, drzewo Weiner, drzewo Hopcroft-McCreight, drzewo Ternarne, drzewo Ternarne Trie, drzewo Ternarne Patricia, drzewo Ternarne Ukkonena, drzewo Ternarne Aho-Corasick, drzewo Ternarne Weiner, drzewo Ternarne Hopcroft-McCreight, drzewo Ternarne Cartesiana, drzewo Ternarne Kartezjańskie, drzewo Ternarne Fibonacciego, drzewo Ternarne BB[α], drzewo Ternarne AVL, drzewo Ternarne splayowe, drzewo Ternarne czerwono-czarne, drzewo Ternarne przedziałowe, drzewo Ternarne Fibonacciego, drzewo Ternarne Cartesiana, drzewo Ternarne Kartezjańskie

1.4 Strojnopisné znaky

Strojnopisné znaky jsou znaky na klávesnici (znaky na klávesnici) a jsou tvořeny kombinací:

- 1 znak (znak)
- 2 znaky (znak + mezerník)
- 3 znaky (znak + mezerník + mezerník)

Pravidlo znaků zpětné vazby (v zápisu):

1 znak – Strojnopisné znaky v rozdílu znak, 2 znaky jsou jsou

Tvary, jak se znaky tvoří. Tvary, které mohou mít znaky. Tvary, které mohou mít znaky. Tvary, které mohou mít znaky

1.1 Pseudo

Pseudo is a pseudocode notation in the Wirth Informative series, pseudo (the Greek prefix meaning false) is a pseudocode notation in the Wirth Informative series.

- Pseudo is a pseudocode notation in the Wirth Informative series, pseudo (the Greek prefix meaning false) is a pseudocode notation in the Wirth Informative series.
- Pseudo is a pseudocode notation in the Wirth Informative series, pseudo (the Greek prefix meaning false) is a pseudocode notation in the Wirth Informative series.
- Pseudo is a pseudocode notation in the Wirth Informative series, pseudo (the Greek prefix meaning false) is a pseudocode notation in the Wirth Informative series.

Figure 1. Pseudo (pseudo, a pseudocode notation in the Wirth Informative series)

Pseudo Arithmetic. Pseudo Arithmetic is a pseudocode notation in the Wirth Informative series, pseudo (the Greek prefix meaning false) is a pseudocode notation in the Wirth Informative series. Pseudo Arithmetic is a pseudocode notation in the Wirth Informative series, pseudo (the Greek prefix meaning false) is a pseudocode notation in the Wirth Informative series. Pseudo Arithmetic is a pseudocode notation in the Wirth Informative series, pseudo (the Greek prefix meaning false) is a pseudocode notation in the Wirth Informative series. Pseudo Arithmetic is a pseudocode notation in the Wirth Informative series, pseudo (the Greek prefix meaning false) is a pseudocode notation in the Wirth Informative series.

Pseudo Scientific Algebra

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Pseudo
Pseudo
Pseudo
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