

Povzetek

V tem delu so opisani algoritmi za urejanje podatkov v hitrem pomnilniku, na osnovi metode deli in vladaj. Podobno je obravnavan algoritem hitrourejanje, njegove dopolnitve in izpeljanke.

V drugem razdelku je na kratko opisana metoda deli in vladaj, ter algoritma urejanje z zlivanjem in hitrourejanje.

V tretjem razdelku je podana kratka zgodovina algoritma hitrourejanje, njegov podroben opis in podroben dokaz pravilnosti algoritma hitrourejanje.

V četrtem razdelku so podane dopolnitve algoritma hitrourejanje. Izdelana je tudi podrobna analiza algoritma hitrourejanje, kjer je na primer izračunano matematično upanje števila primerjanj elementov za drugo in tretjo dopolnitev algoritma hitrourejanje.

V petem razdelku so opisane izpeljanke algoritma hitrourejanje.

V šestem razdelku pa so v tabelah prikazani časi izvedbe za nekatere obravnavane algoritme.

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