

621.391

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LZH, LZW, Vitter

...
: ...
Vitter.

LZH, LZW, Vitter

Intel Pentium-2400.

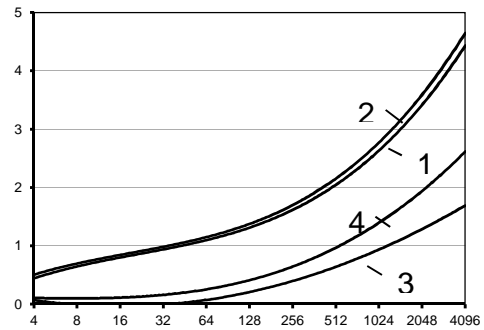
4 4096
100

.1 - 6

LZH [1], LZW [2], Vitter [3].

LZH, LZW (.1 1, 2)

1024
(.2 1, 2) [1].



.1.

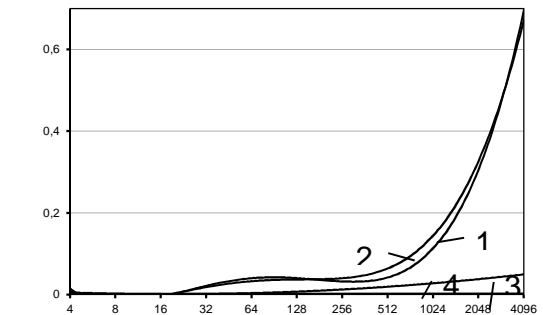
1-LZH, 2-LZW, 3-Vitter, 4-

Vitter (.1 3)
1024

.3, 7).

4).

Vitter (.2 3,



.2.

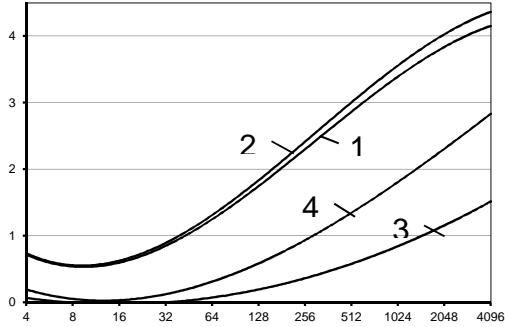
1-LZH, 2-LZW, 3-Vitter, 4-

4 . 1.

512 . ,

512 .

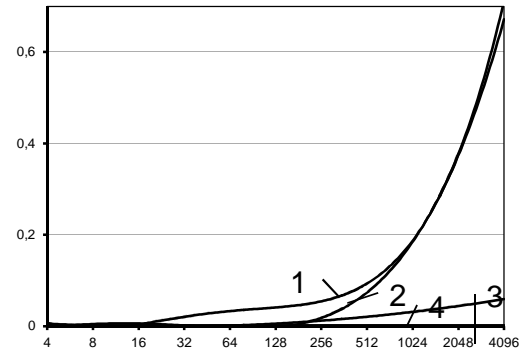
. 3-6 .



. 5.

1 - LZH, 2 - LZW, 3 - Vitter, 4 -

t ,



. 6.

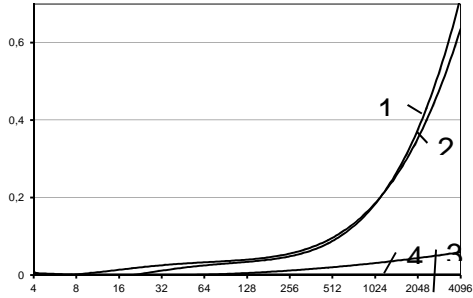
1 - LZH, 2 - LZW, 3 - Vitter, 4 -

LZH, LZW, Vitter

. 3.

1 - LZH, 2 - LZW, 3 - Vitter, 4 -

t ,



LZH, LZW, Vitter

. 7-8.

. 7

1, 2)

LZH LZW (16 .

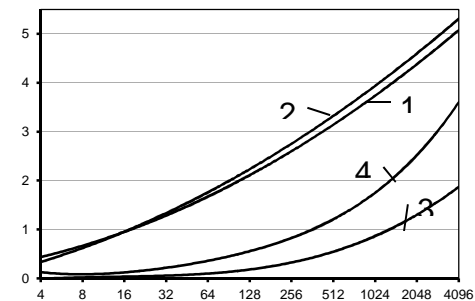
Vitter

(3)

. 4.

1 - LZH, 2 - LZW, 3 -

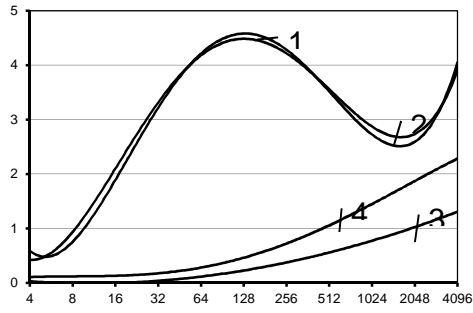
LZH, LZW, Vitter, 4 -



2048 .

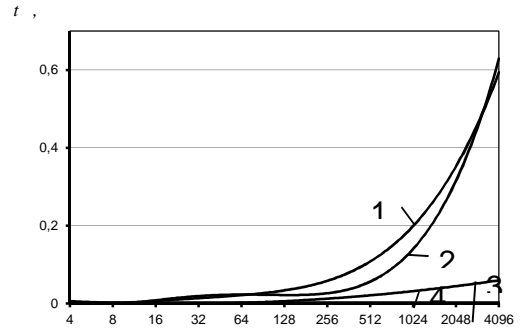
(. 8)

Vitter



.7.

1 – LZH, 2 – LZW, 3 – Vitter, 4 –



.8.

1 – LZH, 2 – LZW, 3 – Vitter, 4 –

.7 (4),

1024

.8,

16
 : LZH LZW,
 4, 8, 16 32 LZH.
 64 32
 1,3 – 3 LZH, LZW.
 1024 LZH,
 LZW.
 2048 Vitter 512
 32 Vitter.
 LZH LZW.
 256 Vitter 27.
 // 2, 2013. – .24-
 22.03.2014

1. Ziv J., Lempel A. A universal algorithm for sequential data compression. — *IEEE Trans. on Inform. Theory.* — 1977. — Vol. 23 3, p. 337-343.
 2. Ziv J., Lempel A. Compression of individual sequences via variable-rate coding. — *IEEE Trans. on Inform. Theory.* — 1978. — Vol. 24 5, p. 530-536
 3. // 2, 2013. – .24-
 27.
 22.03.2014

LZH, LZW, Vitter

Vitter.

ON THE EFFECTIVENESS OF COMPRESSION METHODS TO DIFFERENT TYPES OF INFORMATION

B.Yu. Zhurakovsky, .S. Srochinskaya

The analysis of the effectiveness of compression methods LZH, LZW, Witter and matrix by setting the compression ratio of the length of the data for different types of information - the measuring, graphics, text and combined.

Keywords: *compression rate, compression methods work adgorito v, integrated approach, gra-fics dependence of the compression method Vitter.*