

.2. 813 .4. . . . : ., 1966. 310 .5. . . - -
. . : ., 1997. 144 .6. . .
. : , 1968.-470 . 7. . . -
. : , 1981. 208 .

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622.7

. . , . . ,
. . , . . , , .
. . , . - . ,
. . , . . . , ,
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. . , , . .

Acoustical emission operation factors are experimentally established in gas-jet pounding to provide data about material jet feeding.

, [1 – 3]. -
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-
() -
(). [4, 5] -

[6],

0,1 1

()

(

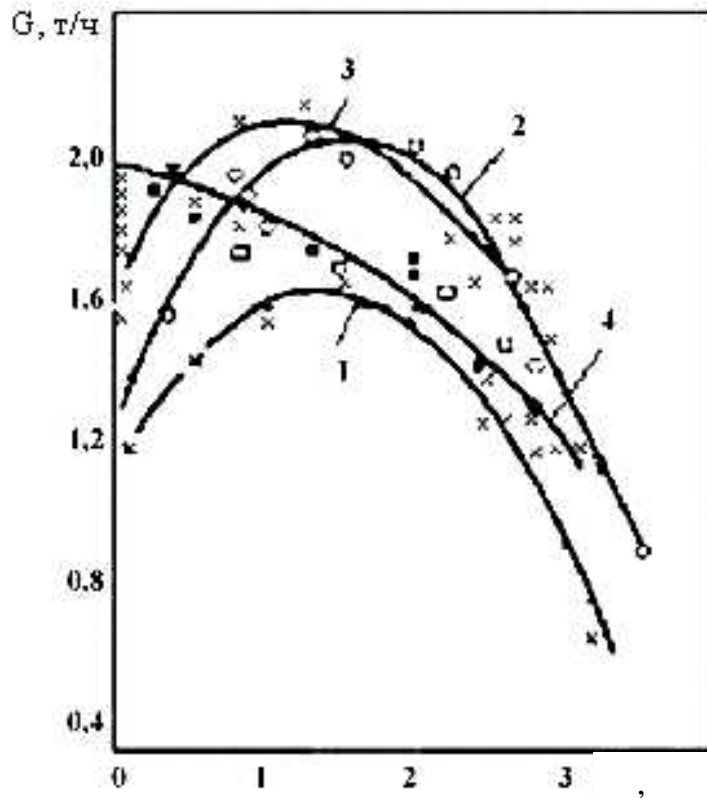
)

$$l(\) : = \frac{rl}{v}, \quad v -$$

, r -

G

(. 1) [7].



. 1.

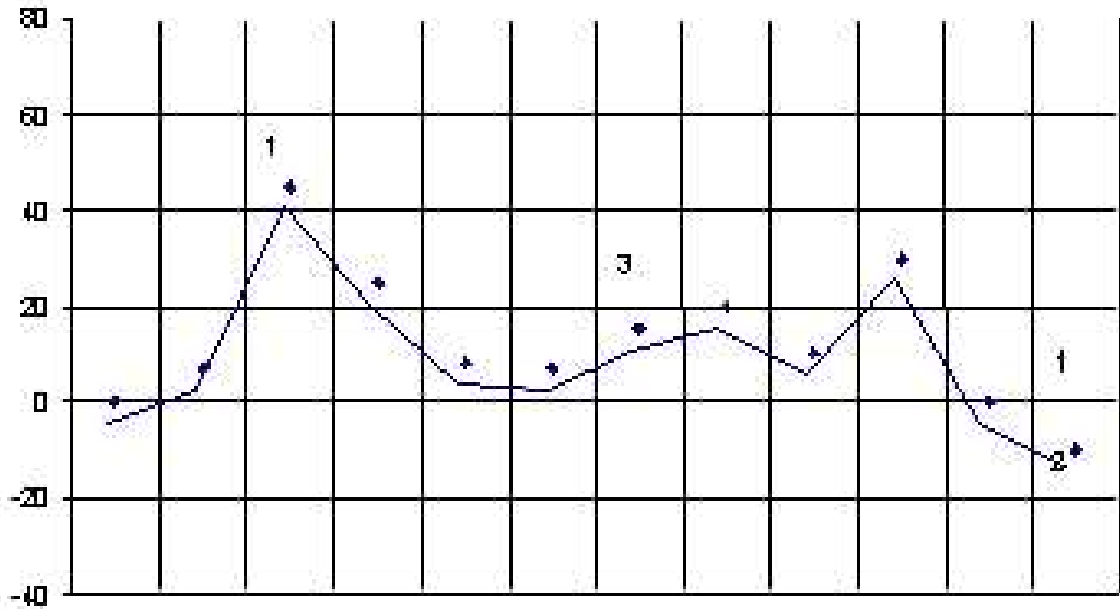
G

:

$G (\text{ }^3/)$:

1 - 2200; 2 - 2400; 3 - 2600; 4 - 3000.

Η. ΠΑΡΑΣΤΑ. 3 5 7 9 11



.2.

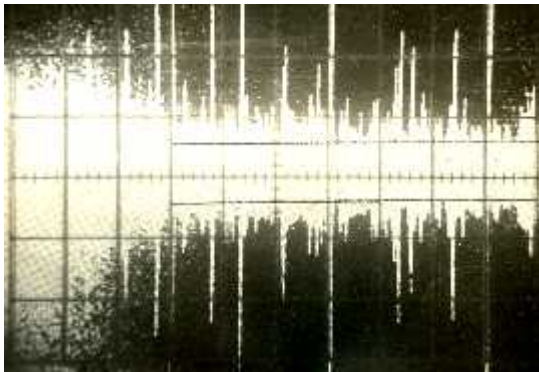
1 - ; 2 - ; 3 -

.3

) - = +20 . . ,
 1,5...1,7 / ,) - Q = 0,9...1 / .

= 500 . ,

. 1,



()

)

)

.3.

) - $Q=1,5-1,7$ / ; = 0 -5 . ;) - $Q=0,9-1$ / ; = +20 . .

,

(.3),
= 50 . ,

,

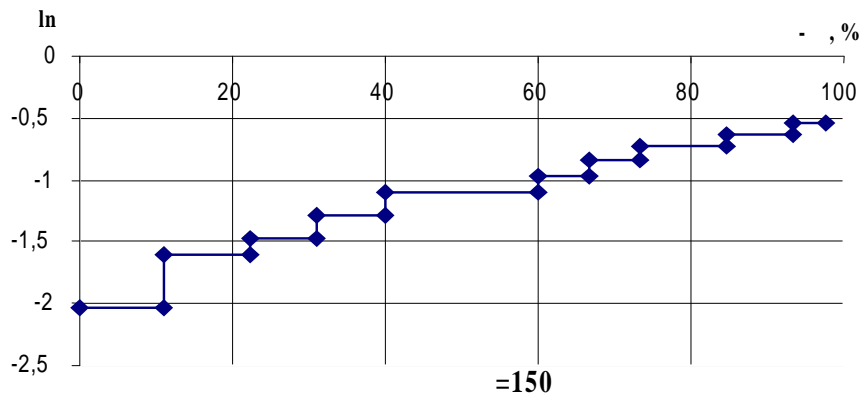
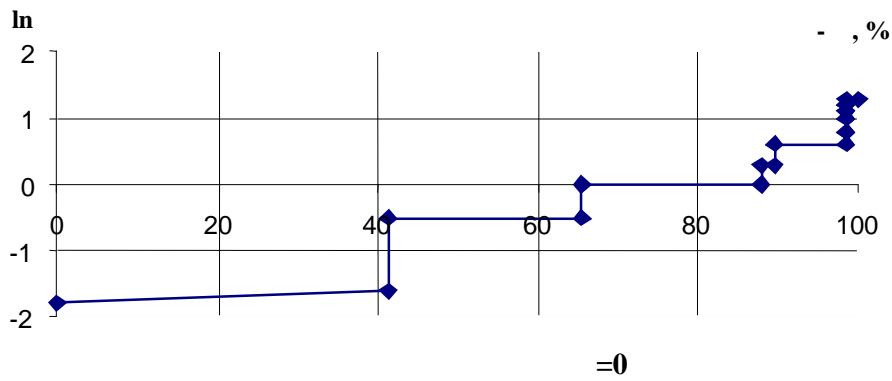
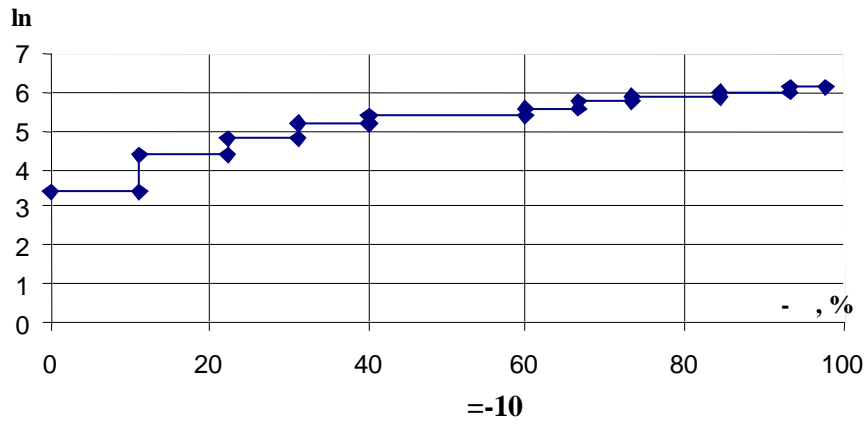
.4

$$I = (A_{max} - A_{min}) / 10.$$

,

.4 ,

: (= -10)
(= 0) (= +150)



.4.

) - = -10 ;) - = 0 ;
) - = +150 .

.5

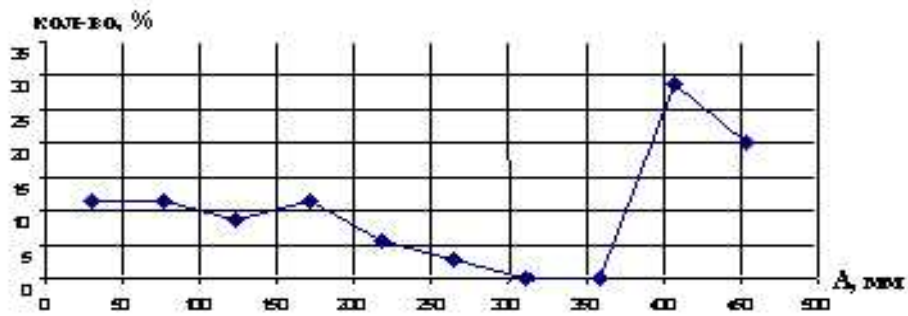
: = -10, 0 +50 .

. .5

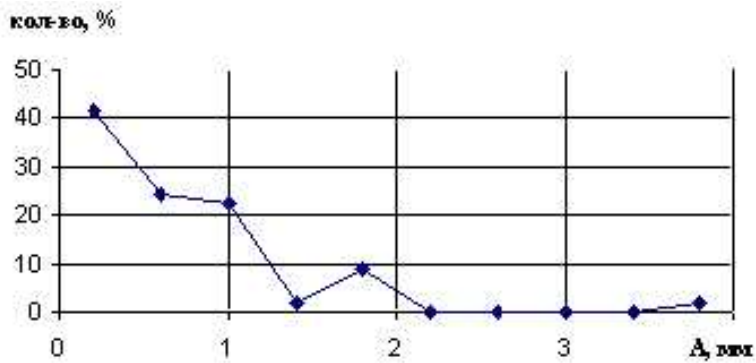
(.4),

(.3 .4)

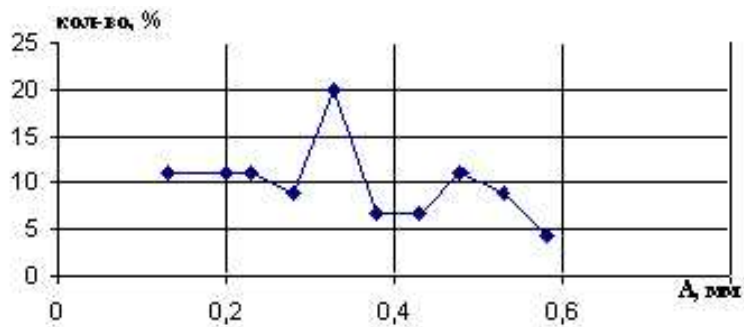
(.3 .4).



разгрузка $H=-10$



устойчивая работа $H=0$



перегрузка $H=50$

.5.

$\ln A$

$\ln A$

1 - 3

$\ln A$

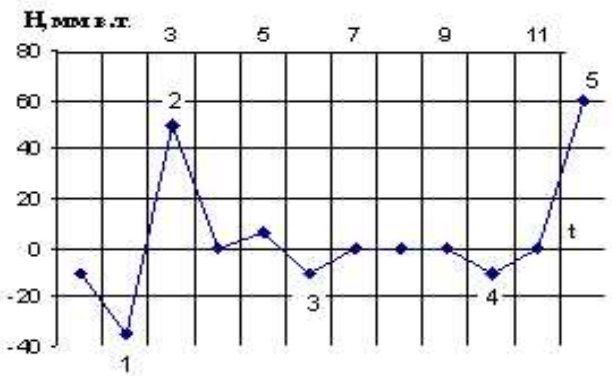
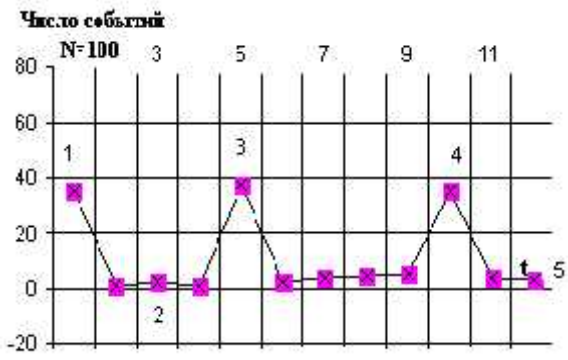
1 - 3

0,9 1,5...1,7 / .

(N)

(1 3, 4)

(2 5)



.6.

1.

2.

3.

: 1.

. - 1990. - 30 . 2.

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. - 1983. - 8. - . 42-45. 3.

/

. - 1995. - 3. -

. 65-73. 4.

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. - 1981. - 1. - . 116.

5.

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. - 1984. - 4. - . 31-45. 6.

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. - 1980. - 5. - . 907-911. 7.

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/ . . . () . - . 30.08.76, . 16. - 2 .

15.09.07