

: 532.696:621.92

1.

[1].

2.

1180 ° 30
Fe+Fe₃(,), WC+W₂C,

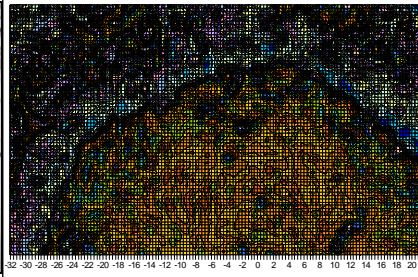
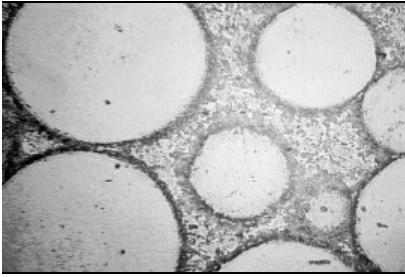
[2,3].

(. 1).

3.

1, - 0.

I



1.

« », 100; -
45

50

0 1 (.2).

(.3).

$$\ln f(I_i) = a_2 I_i^2 + a_1 I_i + a_0,$$

$$a_2 = -\frac{1}{2\sigma^2}; a_1 = \frac{I}{\sigma^2}; a_0 = \left(\ln A - \frac{1}{2\sigma^2} \bar{I}^2 \right), \quad (1)$$

$I -$
 $;$ $\sigma -$

$;$ $\bar{I} -$
 $;$ -

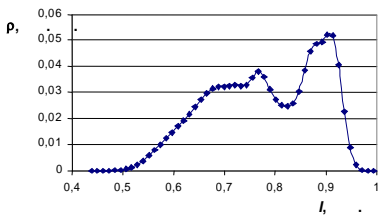
(

\bar{I}).

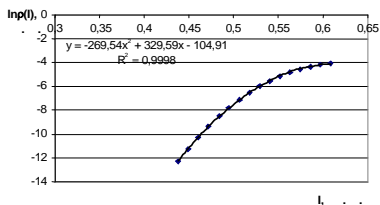
[4]

$$f(I) = Ae^{-\frac{(I - \bar{I})^2}{2\sigma^2}}, \quad (2)$$

$$\ln f(I_i) = \ln A - \frac{1}{2\sigma^2} \left(I_i - \bar{I} \right)^2 = -\frac{1}{2\sigma^2} I_i^2 + \frac{\bar{I} I_i}{\sigma^2} + \left(\ln A - \frac{1}{2\sigma^2} \bar{I}^2 \right). \quad (3)$$



. 2.



. 3.

0, 1, 2

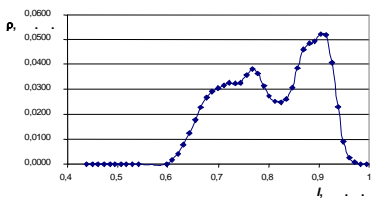
, σ , \bar{I}

. 4

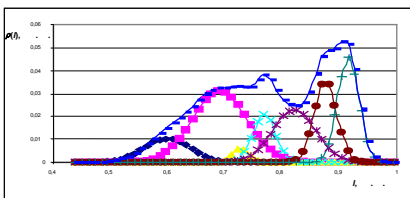
(. 5).

W-C

Fe-C-B-P-Mo



. 4.



. 5.

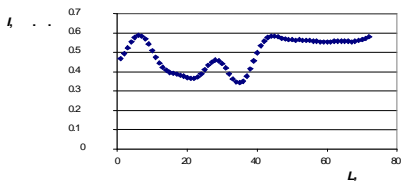
	, %	\bar{l} , .	σ^2 , 2	, .
$\text{Fe}_3\text{W}_3\text{C}$	9,2	0,598	0,00165	0,0102
$\alpha\text{-Fe}+\text{Fe}_3(\text{C},\text{B})$	33,0	0,690	0,00227	0,0312
$\text{Fe}_3(\text{C}, \text{B})$	19,6	0,727	0,00021	0,0061
$\alpha\text{-Fe}$	9,2	0,768	0,00039	0,0211
$\text{WC}(\text{C}, \text{B})$	19,1	0,821	0,00145	0,0220
$\text{WC}(\text{C}, \text{B})$	15,5	0,875	0,00049	0,0354
W_2C	18,8	0,915	0,00034	0,0438

70 %, $\text{Fe}_3\text{W}_3\text{C} - 8 \%$, $\alpha\text{-Fe}+\text{Fe}_3(\text{C},\text{B})$
 $- 16 \%$ [3]. WC

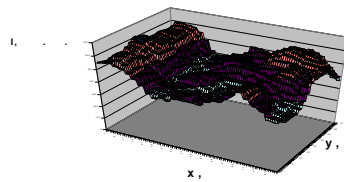
(. 1).

(. 6).

« »



6.



7.

(W-C)/(Fe-C-B-P-Mo)

		7	-
	(W-C)/(Fe-C-B-P-Mo).		-
	(W-C)/(Fe-C-B-P-Mo),		-
45			-
		50	-
4.			
1.			-
			-
2.			-
			-
3.			-
			-
1.	Fe-C-B / . . . , . . . , . . .		-
		, 2010, .18(2), .17, .69-73	
2.			-
		/ . . .	-
		, . . . , . . .	-
		, 2011, .9, 3, .269-273.	-
3.			-
	Fe-C-B / . . . , . . .		-
			-
		. 34, 2010, .219-225.	
4.		/ . . . , . . .	-
		, 1976.-583 .	∴