

(1) (2)

00,3 - 00,7 / <sup>2</sup>.

80 - 90%, 10 - 20%.

2. : 1. . . . - ∴ , 1987. - 285 .  
 “ ”, 2006. - 272 . 3. / . . . - ∴ -  
 , 1987. - 735 .

621357.7

\_\_\_\_\_ , . . .

- -

Au - Cu, Au - Ag, Au - Co, Au - Ni, Au - Sb.

, [1 - 3]. -

- . - , -

, [4].

999.9.

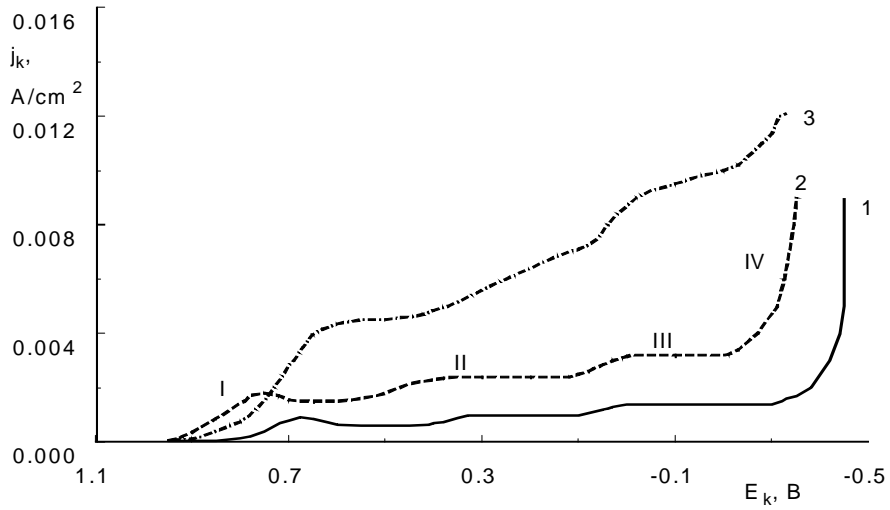
, (50 - 100 / <sup>3</sup>) -

( 0.5 ) -

. -2. -

- . - ,

( .1 - 3)



(0.5 )

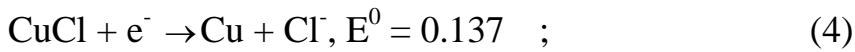
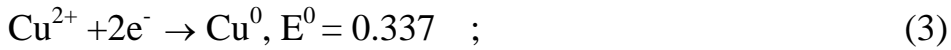
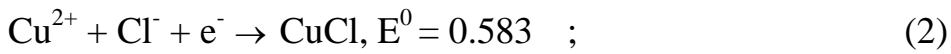
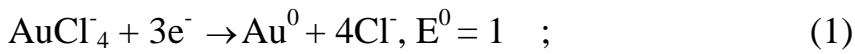
,  $v = 10^{-2} / :$

1 -  $20^0$  ; 2 -  $50^0$  ; 3 -  $20^0$  ,

Au Cu

2:1.

(I - IV).



80 - 90 %.

585 -

**: 1.**

1. - ∴ , 1990. - 467 **. 2.**

∴ , 1987. - 736 **. 3.**

∴ , 1986. - 112 **. 4.**

./ ∴ , 1981 - 488

66.097.004.18÷66

\_\_\_\_\_ , . . , . . .

∴ , ∴ .

∴ :

∴

( NO<sub>2</sub> , NO, )

∴

∴

5/6 «

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