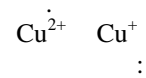
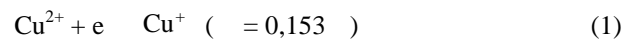


621.357.7

The analysis of the reasons of malfunctions occurrence at the operation of coppering from fluoborate electrolyte, ways of their elimination, and also results of research of long operated electrolyte polarizing characteristics with the purpose of definition of its properties improvement an opportunity are resulted.

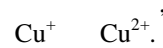
[2]:



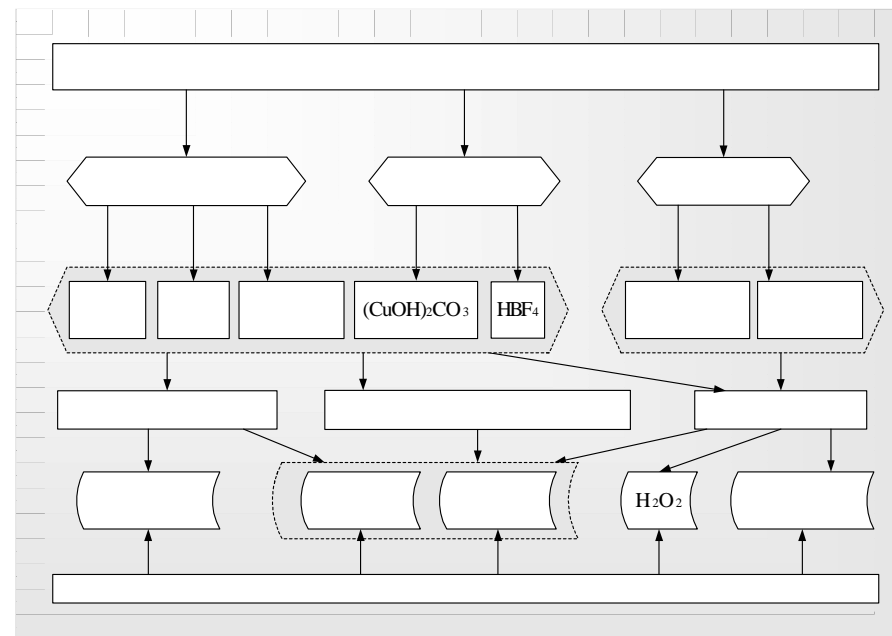
10^{-6} .



59



. 1.



. 1.

(« »),

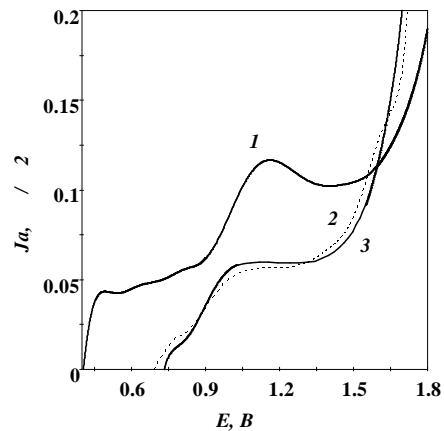
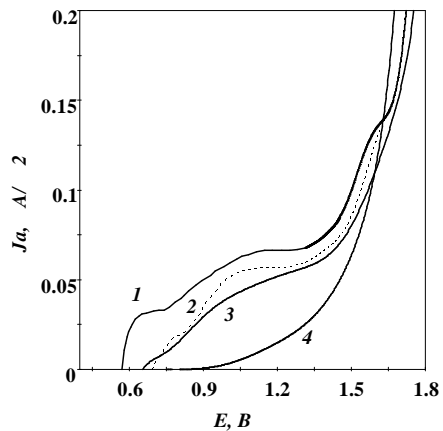
-50.1.

20 /

(.2),

(.4),

(1),



.2.

.3.

(1-3)
: 1-2; 2-14; 3-18.

(2),
(3)
(1)

(.2 3),

Cu^+ .

Cu^+/Cu^{2+} .

.3).

(2 3

Cu^{2+} ,

5

61

Cu^+

(1)

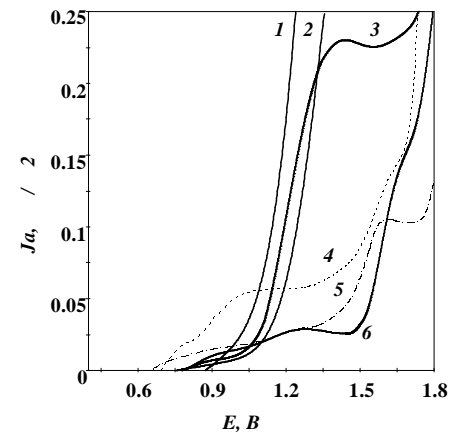
Cu^{2+} ,

(.2 4 .4)

(.2 1 -

)

(.2, 3, 5, 6)



.4.

(1)

(2-6).
/ 3: 4-0; 1, 2-0.5.
: 1, 2-5 ; 3-1
; 5-2 ; 6-3

Cu^+

: 1.

2.

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