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(),

(,)
(=1510);

[1].

(, ,).

[2].

[3]
Z –

[4]

(Ar + < 2 % O₂),

(Ar),
(Ar + 2 % O₂),

Z –

6

3·10¹⁵

-2

($\theta = 1510^\circ$).

[5].

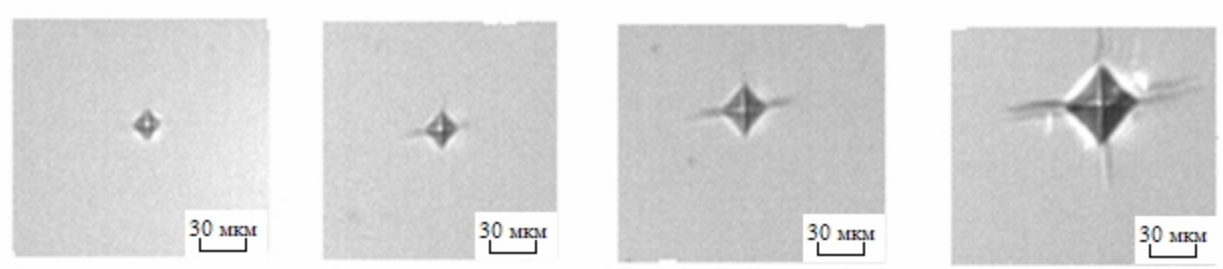
DM 8B Affri (),
(1, 3, 5, 10, 25).

3, 5, 10, 25 .

5725 – 6 – 2002.
5 %.

3

3, 5,



a) б) в) г)

) 3 ;) 5 ;) 10 ;) 25 .

.1.

(Ar + < 2 % O₂).

3

5 ,

10 . 25

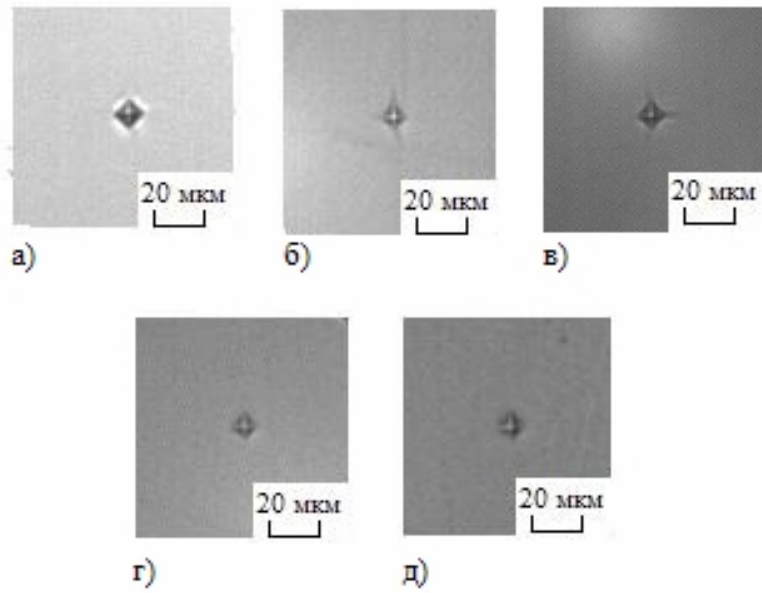
[1].

5 .

3 . 2

Z-

(Ar + < 2 % O₂). .1 3 .



) X - (+);) X - (-);) Z - ; - (+), ;) X - (-),
 .2.
 (Ar + < 2 % O₂), 3 .

1

3

| | , / ² | | | |
|---------------------------|------------------|----------|----------|----------|
| | - 3 | | | |
| | + | - | + | - |
| Ar + 2 % O ₂ | 651 ± 5% | 772 ± 5% | 673 ± 5% | 772 ± 5% |
| Ar + < 2 % O ₂ | 651 ± 5% | 705 ± 5% | 673 ± 5% | 736 ± 5% |
| Ar | 594 ± 5% | 736 ± 5% | 646 ± 5% | 772 ± 5% |
| | 651 ± 5% | 772 ± 5% | 673 ± 5% | 772 ± 5% |

.2
 Z - , (Ar + < 2 % O₂),
 3 .

2

(Ar + < 2 % O₂),

| | , / ² | |
|---------|------------------|--|
| | 3 | |
| X - (+) | 651 ± 5% | |
| X - (-) | 705 ± 5% | |
| Z - | 594 ± 5% | |

Z- , ,
 - , .2 , , . Z- . -
 , -
 (.2 , , .1).

1. -
 2. 5 . -
 3. -
 4. 6 3·10¹⁵
 -2

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