

[539.216:546.28'26]:535

_____ . . .

SiC,

SiC.

SiC

()

SiC
100

SiC

1000^0
- 3 -SiC.

1000^0

- 51R-SiC 27R-SiC.

1300^0
- 6 -SiC.

100 , $=3 \times 10^{-6}$. . .)

(=1220° ,

SiC 6 -SiC

: 1. // , 1972. 2.
- 9. - .99-106 // - 2004.

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_____
.

,
()
, (Si-),
Si- () ,
n,p Si-
Si-
p-
-10,
V, V₂, V₃;
, As;
Cr, , Zn, Au, Fe,
: V- , V-2As, Ti-
Ti, Zn-Zn, V₂-O , Cr-B, Fe-B, Fe-Al, i- i, C_i-O_i.

n N : V, V₂, V₃; -