

CONCLUSIONS

1. The melting temperatures of aluminum and copper have been determined in a medium of inert gas up to pressures of 18000 kg/cm<sup>2</sup>. It has been found that within the limits of accuracy of the measurements the ~~the~~ melting temperatures of these metals increases linearly with increase in pressure.

2. The question of the ~~applicability~~ applicability of Simon's equation to the melting of metals at high pressures has been considered.

REFERENCES

- 1.
- 2.

~~3. Butuzov, V. P., M. G. Gonikberg, and S. P. Smirnov, DAN SSSR, 89, 651, 1953.~~

3. Butuzov, V. P., M. G. Gonikberg, and S. P. Smirnov, DAN SSSR, 89, 651, 1953.

4. Butuzov, V. P. and M. G. Gonikberg, DAN SSSR, 91, 1083, 1953.

5. Butuzov, V. P., E. G. Ponyatovskii, and G. P. Shakhovskii, DAN SSSR, 109, 519, 1956.

6. Butuzov, V. P., and E. G. Ponyatovskii, Kristallografiya, t. 1, vyp. 5, 572, 1956.

- 7.

8. Butuzov, V. P., G. P. Shakhovskii, and M. G. Gonikberg, Trudy Instituta kristallografii Akademii nauk SSSR, vyp. 11, str. 233, 1955.

9. Butuzov, V. P. and S. S. Boksha, SBORNIK "ROST KRISTALLOV"/SYMPOSIUM "CRYSTAL GROWTH"/: Izd. AN SSSR, 1957.

10-16.