

REFERENCES

1. Stishov, S. M. and S. V. Popova. New Dense Modification of Silicon. *Geochemistry*, No. 10, 1961.
2. Kabalkina, S. S. and S. V. Popova. Phase Transition in Zinc and Manganese Fluorides at High Pressures and Temperatures. *Proc. (Dokl.), Acad. Sci. USSR*, 153, No. 6, 1963.
3. Seifert, K. F. Untersuchungen zur Druck-Kristallchemie der AX_2 -Verbindungen. *Fortschr. Miner.*, 45, 214, 1968.
4. Al'tshuler, L. V., M. A. Podurets, G. V. Simakov and P. F. Trunin. High-Density Forms of Fluorite and Rutile. *Solid State Physics*, 15, 5, 1973.
5. Simakov, G. V., M. A. Podurets and P. F. Trunin. New Data on the Compressibility of Oxides and Fluorides and an Hypothesis as to Homogeneous Composition of the Earth. *Proc. (Dokl.), Acad. Sci. USSR*, 211, 6, 1973.
6. Linde, R. K. and De Carli. Polymorphic Behavior of Titania Under Dynamic Loading. *J. Chem. Phys.*, 50, 1, 1969.
7. McQueen, R. G., J. C. Jamieson and S. P. Marsh. Shock Wave Compression and X-Ray Studies of Titanium Dioxide. *Science*, 155, 1401, 1967.
8. German, V. N., M. A. Podurets and R. F. Trunin. Synthesis of a High-Density Phase of Silicon Dioxide in Shock Waves. *J. of Experimental and Theoretical Phys.*, 64, 1, 1973 [English translation in Soviet Physics - JETP, 1973].
9. Lyle, J. W., R. L. Schriever and A. R. McMillan. Dynamic Piezoresistive Coefficient of Manganin to 392 kbar. *J. Appl. Phys.*, 40, 11, 1969.
10. Anan'in, A. V., A. N. Dremin and G. I. Kanel'. Structure of Shock Waves and Rarefaction Waves in Iron. *Combustion and Explosion Physics*, 9, 3, 1973 [English translation in Combustion, Explosion, and Shock Waves, 1973].
11. Simakov, G. V., M. N. Pavlovskiy, N. G. Kalashnikov and R. F. Trunin. Shock Compressibility of 12 Minerals. *Bull. (Izv.), Acad. Sci. USSR, Earth Physics*, No. 8, 1974.
12. Dulin, I. N., L. V. Al'tshuler, V. Ya. Vashchenko and V. N. Zubarev. Phase Transitions of Boron Nitride Under Dynamic Compression. *Solid State Physics*, 11, 5, 1969.
13. Zel'dovich, Ya. B. and Yu. P. Rayzer. *Physics of Shock Waves and High-Temperature Hydrodynamic Phenomena*. Moscow, Fizmatgiz, 1963.
14. Al'tshuler, L. V., M. I. Brazhnik, V. N. German and L. I. Mirkin. Explosive Deformation of Monocrystals. *Solid State Physics*, 9, 11, 1967.
15. Guinier, A. *X-Ray Diffraction in Crystals* (Russian ed.). Moscow, Fizmatgiz, 1961.
16. Adadurov, G. A., Z. G. Aliyev, L. O. Atovmyan, Yu. G. Borod'ko, O. N. Breusov, A. N. Dremin, A. Kh. Muranevich and N. P. Kramayeva. Effect of Shock Waves on Fluorides of Alkali-Earth Elements. *Bull. (Izv.), Acad. Sci. USSR, Inorg. Materials*, 3, 6, 1965.