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As the starting point in creating the database served the voluminous reference book "Handbook Series on Semiconductor Parameters" vol. 1,2 edited by M. Levinstein, S. Rumyantsev and M. Shur, World Scientific, London, 1996, 1999. We express sincere gratitude to M.E. Levinstein for help and attention to this work.

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a " semiconductor " due to the fact that it is a poor conductor in a pure state. When controlled amounts of certain " impurities " are added to a semiconductor it becomes a better conductor of electricity. Depending on the type of impurity added to the basic semiconductor, its conductivity may take two different forms, called P- and N-type

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