

Professor Eduard Nagaev (1934-2001) — Eduard Nagaev devoted most of his scientific life to the study of magnetic semiconductors. He was a pioneer in the development of new concepts such as the magnetic polaron and magnetic phase separation. Since the discovery of high temperature superconductors approximately fifteen years ago interest in this subject, particularly in magnetic oxides, has been revived enormously. It is only during this period that the importance of much of Nagaev's early work has been fully appreciated worldwide. Nagaev's research received a new impetus and he developed his theories of remarkable phenomena like colossal magnetoresistance, one of the main topics of the present book. It is very fortunate for the scientific community that he was able to complete it before his untimely death.