Contributors to This Issue

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R. D. Heidenreich, B.S., 1938, M.S., 1940, Case Institute of Technology; Bell Telephone Laboratories, 1945—. His work has been chiefly in the areas of electron microscopy and electron diffraction. He developed the thin metal section methods for transmission electron microscopy now widely used for studying defects in solids. His early application of electron methods to semiconductors resulted in chemical polishing techniques and long surface lifetime treatments for germanium. He has conducted extensive joint research programs on magnetic materials which have correlated structure with magnetic anistrophy in both hard and soft permanent magnets. His more recent theoretical studies concerning elastic and inelastic scattering of electrons has led to his present interest in high-resolution electron imaging aimed toward resolving atomic configurations. He is at present on leave of absence to teach electron microscopy during the spring semester at Georgia Institute of Technology. Member, AAAS; Fellow, American Physical Society; Past President, Electron Microscope Society of America.

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