Abstracts

Microwave Applications of Superconductivity

P.B. Wilson. "Microwave Applications of Superconductivity." 1966 G-MTT International Microwave Symposium Digest 66.1 (1966 [MWSYM]): 69-75.

For many years after the discovery of superconductivity in 1911, the phenomenon remained largely a laboratory curiosity. For over 40 years physicists worked with only moderate success to gain a theoretical understanding of superconductivity. In recent years, however, the situation has changed rapidly. An adequate theory has now been developed (the BCS theory), and superconductivity has become a useful tool in many fields of pure and applied research. As an outstanding example, super-conducting magnets are now available commercially which can generate dc fields up to 100 kilogauss.

❑ Return to main document.