

using SQUIDS" compactly summarizes this unwritten body of knowledge and will be invaluable to the first time user and useful to the experienced user of SQUIDS as well.

The followers of SQUIDery have been traditionally divided into two sects: those who prefer to use the DC SQUID, which has two Josephson junctions and is driven by a dc current, and the converts to the RF SQUID, which has a single Josephson junction and is driven by an rf current. Each has its advantages, but the DC SQUID has been gaining favor in recent times because of its simplicity of operation and its superior noise performance. The author is from the RF school and it shows—the book could have benefitted from a more up-to-date and comprehensive discussion of the DC SQUID.

The field of SQUIDS is advancing rapidly, and any book describing the technology of making the devices will soon be out of date. For example, the description of high- T_c SQUIDS, though written less than a year ago, is already a little outdated. On the other hand, since most of the book describes the physics and applications of SQUIDS, with less than a tenth of the text devoted to the details of the technology used to fabricate them, the book as a whole will not be outdated for a long time to come. So the next time someone asks for a good reference on SQUIDS, an excellent answer will be at hand.

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