

Wavenology SQUID

Wavenology SQUID is simulation tool for modeling superconducting quantum interference devices (SQUIDs) and large-scale two-dimensional superconducting quantum interference filters (SQIFs) in a dynamic electromagnetic environment. The fundamental building block of this tool is the Josephson junction and its circuit representation in a SQUID. The simulator has an intuitive graphic user interface (GUI) to enable the layout of 2D SQIFs. It allows one to accelerate the hybrid design of SQUIDs and SQIFs irradiated by electromagnetic fields.

