1. Record Nr. UNINA9910568179703321 Autore Godfrin Aurelien AC Losses in High-Temperature Superconductor Tapes and Cables for Titolo Power Applications / / Aurelien Godfrin Pubbl/distr/stampa [Place of publication not identified]:,: KIT Scientific Publishing,, 2022 Descrizione fisica 1 online resource (148 pages) Disciplina 725.0943 Soggetti Cables High temperature superconductors Lingua di pubblicazione Inglese Formato Materiale a stampa Livello bibliografico Monografia This work focuses on two topics. The first is the investigation of Sommario/riassunto producing filaments on copper-stabilized coated conductors, with striations made after or before electroplating the tape. The second topic is the applicability of the striations for reducing the AC losses of cables, in particular the CORC® and RACC cables, which are made with

high-temperature superconductor (HTS) striated tapes.