

TFA-MOD Process for Superconducting Film

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As a method of the fabrication process of superconducting film, the metalorganic deposition(MOD) process using metal trifluoroacetate is considered to be a strong candidate due to its low cost fabrication process for coated conductors with high J_c . High J_c superconducting films have been successfully fabricated by a coating solution which is prepared by a new developed purification technique. Superconducting films are deposited on various substrates by developed deposition process for stable deposition of volatile Cu-TFA.

keywords : metalorganic deposition, superconducting film