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## **An Experimental Stability Diagram for ReBCO Roebel Cables at 4.2 K and Applied Fields up to 12 T**

*Tuesday, 29 August 2017 13:15 (1h 45m)*

A 9-tape, 14 mm wide ReBCO Roebel cable was soldered onto a U-shaped holder. It was determined at 4.2 K with applied fields up to 12 T. At varying  $I/I_c$ , different heat pulses resulted in different quench behaviors. For a given sample, these different behaviors were used to construct a stability diagram. Stability diagrams were constructed for samples with different levels of insulation.

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