Instruments and experimental techniques New York 1984 vol.27 N6 pt 2, pages 1432-1435

PRECISION STABILIZER FOR THE INTEGRAL VALUES OF PULSE CURRENTS IN INDUCTIVE LOADS.

Skirda V., Sevryugin V., Sundukov V.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

A stabilizer is described for the current pulses in the inductive loads used in NMR measurements of the self-induction coefficient. Stabilizing the integral value of the pulse of the magnetic field of up to approx. 10** minus **6 to be achieved, while their amplitudes are increased to 50 T/m.