Fig. 4.1 Experimental setup for Hysteresis loop technique
Fig. 4.2 Variation of Magnetic field (B) with applied field (H)
Fig. 4.3 Schematic of pulse field hysteresis loop tracer system
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Fig. 4.5 Schematic block diagram of a.c. susceptibility system
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Fig. 4.7 (a) Hysteresis loops for 0.0-0.2 of series Cu$_{1-x}$Zn$_x$Fe$_2$O$_4$
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Fig. 4.10 (b) Variation of a.c. susceptibility $\chi_T/\chi_{RT}$ with temperature for the samples $x = 0.4 - 0.6$ of series Cu$_{1-x}$Zn$_x$Fe$_2$O$_4$. 
Fig. 4.10 (c) A.c. susceptibility plots of $x = 0.0 - 0.4$ of series CuCr$_x$Fe$_{2-x}$O$_4$
Fig. 4.10 (d) A.c. susceptibility plots of $x = 0.6 - 1.0$ of series $\text{CuCr}_x\text{Fe}_{2-x}\text{O}_4$.
Fig. 4.11 (a) Hysteresis loops for 0.0-0.2 of series CuCr$_x$Fe$_{2-x}$O$_4$
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Fig. 4.12 Variation of magneton number of series CuCr$_x$Fe$_{2-x}$O$_4$
**Fig. 4.13** Curie temperature versus composition of series $\text{CuCr}_x\text{Fe}_{2-x}\text{O}_4$