Remanence enhancement in composite magnets of micrometre Sm - Fe - N grains and nanometre Fe particles

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Erratum

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Unfortunately figures 1 and 2 in the printed version of this article showed the dependence of the remanence and coercivity, respectively, on the weight composition x for composite magnets $(\text{Sm–Fe–N})_{1-x}\text{Fe}_x$ rather than the dependence on the atomic composition x for $(\text{Sm–Fe–N})_{100-x}\text{Fe}_x$, as stated in the captions. The correct figures are given below.

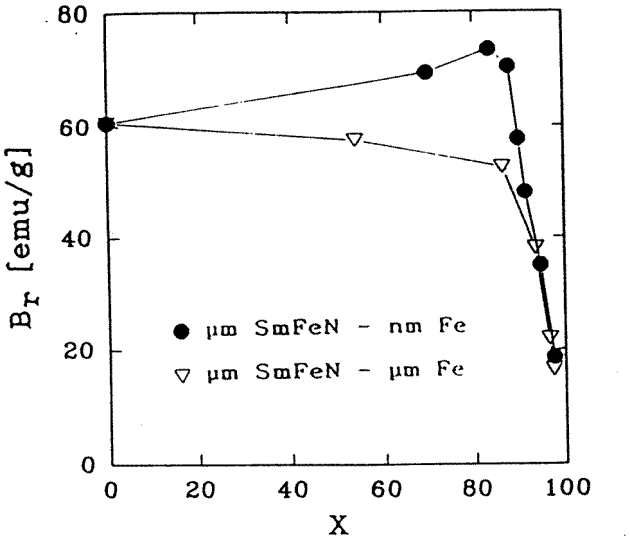

Figure 1. Dependence of the remanence on x for isotropic composite magnets $(\text{Sm–Fe–N})_{100-x}\text{Fe}_x$ prepared by directly mixing micrometre Sm–Fe–N grains with nanometre Fe particles and micrometre Fe particles, respectively.

0953-8984/96/132243+02$19.50

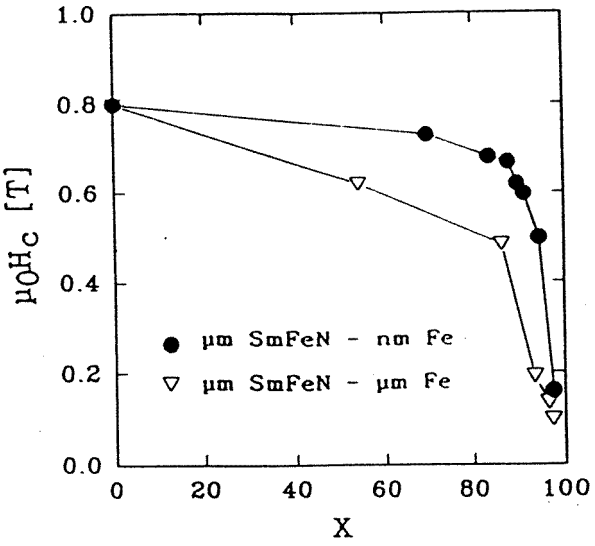

Figure 2. Dependence of the coercivity on x for isotropic composite magnets $(Sm–Fe–N)_{100-x}Fe_x$ prepared by directly mixing micrometre Sm–Fe–N grains with nanometre Fe particles and micrometre Fe particles, respectively.