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**Common Features of Charge-Ordered Nanoclusters in Magnetoresistive Manganites with Ferromagnetic Low-Temperature State.**

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We report x-ray scattering studies of charge-orbitally ordered (COO) nanoclusters in  $\text{Nd}_{1-x}\text{Sr}_x\text{MnO}_3$ ,  $x=0.3-0.5$ . We find that the nanoclusters possess a temperature-independent correlation length of 2-3 lattice constants, which is the same in all samples. The period of the lattice modulation of the nanoclusters is proportional to the carrier concentration  $x$ . Remarkably, the lattice modulation periods of several other manganites with a ferromagnetic ground state fall on the same curve as the data from  $\text{Nd}_{1-x}\text{Sr}_x\text{MnO}_3$  when plotted as a function of  $x$ . Thus, the structure of the COO nanoclusters in these materials appears to be determined by a single parameter,  $x$ . We argue that these observations provide important clues for understanding the colossal magnetoresistance phenomenon in manganites.