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## On the architecture of multicore iron oxide nanoparticles

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In this work, multicore iron oxide nanoparticles, in particular the intergrowth of individual cores within the particles, was studied by a combination of transmission electron microscopy and X-ray diffraction. The sizes of the nanoparticles and the individual cores were correlated with the crystallite size determined by X-ray diffraction. The effect of the crystallographic coherence on the crystallite size is discussed.

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