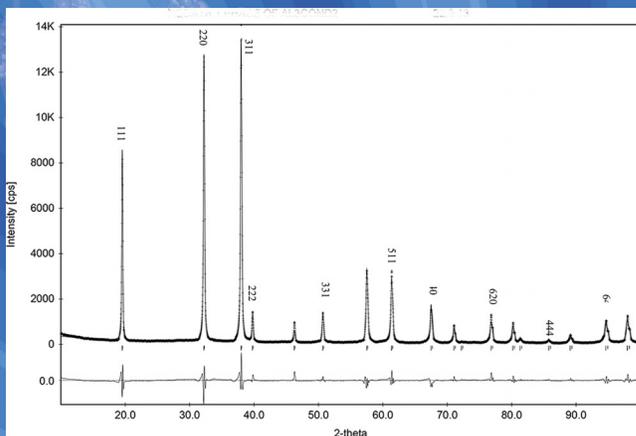
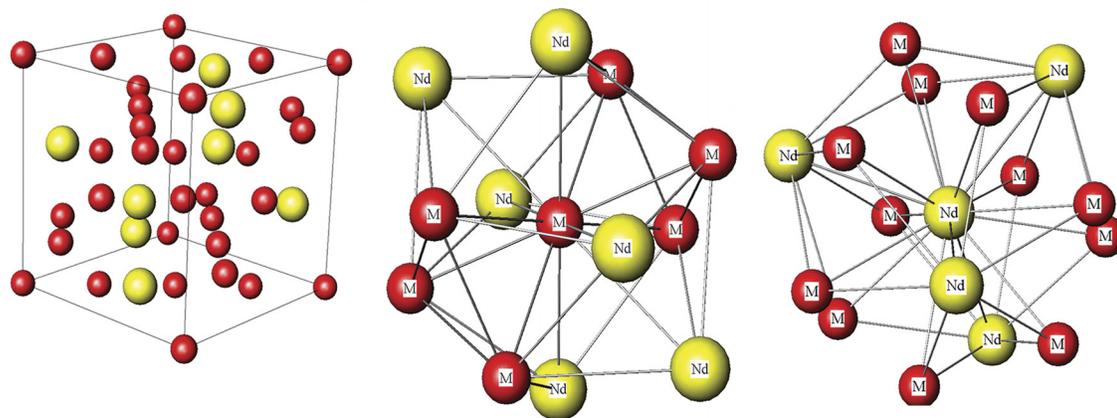


# Powder Diffraction PDJ

*Journal of Materials Characterization*



XRD Pattern, Crystal Structure and Coordination Environments in  $\text{Al}_3\text{CoNd}_2$   
( $\text{Al}_3\text{Co}$ )-red and Nd-yellow



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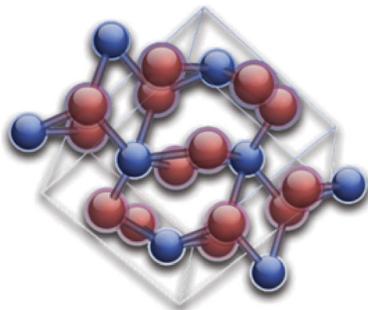
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# Powder Diffraction

An International Journal of Materials Characterization

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On the Cover: The cover figure shows the XRD pattern, crystal structure and coordination environments reported in the manuscript "Crystal structure and magnetic properties of ternary  $Al_3CoNd_2$  Compound" by L. Liang, D. Li, C. Jia and M. Qin of Baise University, School of Materials Science and Engineering, Baise, Guangxi, China. Such ternary compounds are of interest due to various applications such as superconducting materials, giant magnetostrictive materials, hydrogen storage materials, and high-temperature structural materials. The manuscript also reports magnetic properties of the title compound.

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