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Diffuse Scattering and Ordering in the Short Range Modulated Paraelectric Phase of Sodium Nitrite NaNO_2

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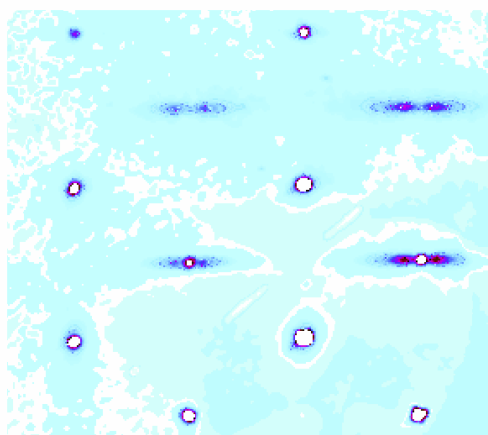
Figures to be deposited

D1. Portion of the layer $hk2$ of NaNO_2 at 438 K with diffuse satellite reflections:

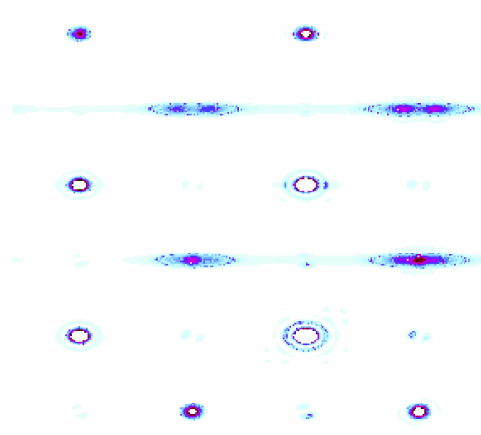
(a) reconstructed by the program CrysAlis and (b) calculated by the DISCUS Fourier program with lots.

D2. Portion of the layer $0.5 k l$ of NaNO_2 at 438 K with diffuse reflections: (a) reconstructed by the program CrysAlis and (b) calculated by the DISCUS Fourier program with lots.

D3. Correlations $c[u00]$ and $c[00w]$ of $0,0,0$ and $\frac{1}{2},0,\frac{1}{2}$ sites in the (010) plane crossed by (+) and (-) $[\text{Na}^{1+} \text{NO}_2^{1-}]_{\infty}$ rows in diffuse modulated paraelectric phase of NaNO_2 at consecutive temperatures 438, 442, 460 and 480 K. (a) $c[u00]$ and (b) $c[00w]$.



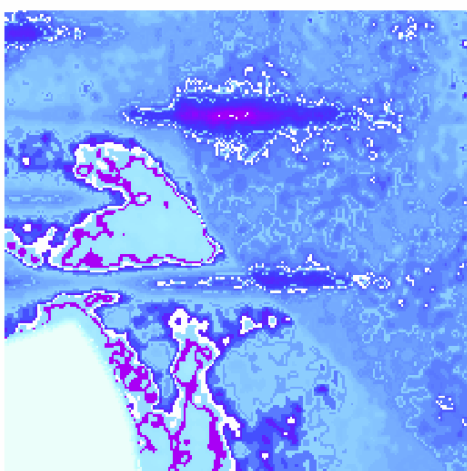
(a)



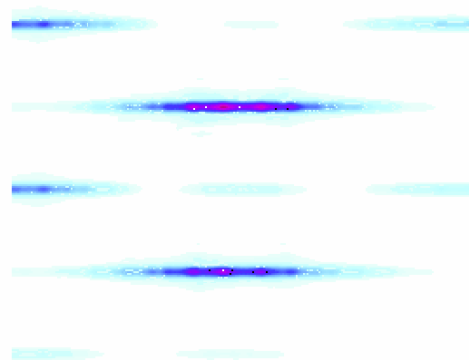
(b)

D1. Portion of the layer $hk2$ of NaNO_2 at 438 K with diffuse satellite reflections:

(a) reconstructed by the program CrysAlis and (b) calculated by the DISCUS Fourier program with lots.

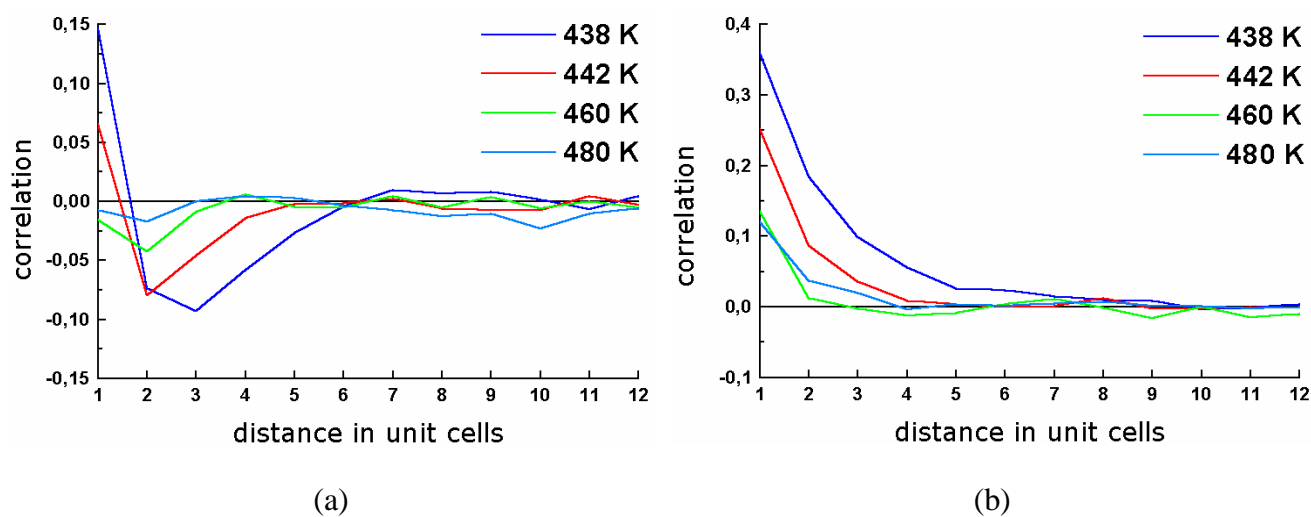


(a)



(b)

D2. Portion of the layer $0.5kl$ of NaNO_2 at 438 K with diffuse reflections: (a) reconstructed by the program CrysAlis and (b) calculated by the DISCUS Fourier program with lots.



D3. Correlations $c[u00]$ and $c[00w]$ of $0,0,0$ and $\frac{1}{2},0,\frac{1}{2}$ sites in the (010) plane crossed by (+) and (-) $[\text{Na}^{1+} \text{NO}_2^{1-}]_{\infty}$ chains in diffuse modulated paraelectric phase of NaNO_2 at consecutive temperatures 438, 442, 460 and 480 K. (a) $c[u00]$ and (b) $c[00w]$.