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Rhombohedral modification of Sr and Ti co-doped LaAlO₃

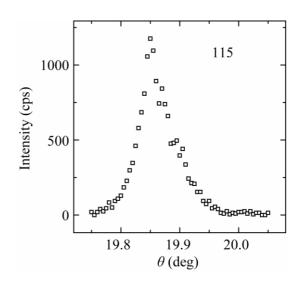
Introduction

Pare-ar a m a e are a a e fr e f e f en en re er, e f er. I a ee re re a e ry a r re f (1-x) a A $\mathcal{L}_3 x$ r \mathcal{L}_3 y en a e a e r R-3c en e $0 \le x <$ 0.8 [1-2]. \mathcal{L}_{-} e er a e fir fibre refer e e a a y e ra e fibre refer e re a A \mathcal{L}_3 , e a e ffere e ymmery fr e ra e ffere e e re a A \mathcal{L}_3 . Re e a ffere e e re a A \mathcal{L}_3 . Re e a fibre refer e re a A \mathcal{L}_3 . Re e a fibre refer e ymmery fr e ra e fibre re e re a A \mathcal{L}_3 . Re e a fibre re f e a e r a ry a fibre re a e e fibre y e e-ry a fibre me a e e fibre y e e re a fibre re e e

Experimental

e ry a $f(\mathbf{a}_{1-}\mathbf{r})(\mathbf{A}_{1-}\mathbf{r}) \overset{*}{\underset{3}{\overset{}}} \overset{*}{\underset{3}{\overset{}}}$ ere r y e f a z =0.005a 0.20 ere r z eme [4]. D ff a_{r} a a eremol re a r z a y e f r - r = ff a, me era, am e 14A f e $\mathbf{R}_{1} = \mathbf{r}\mathbf{y}, \mathbf{r}, \mathbf{k}, \mathbf{a}_{2}, \mathbf{a}_{3} = \mathbf{s}$ [5]. A e $-\mathbf{s}\mathbf{a}_{3} = \mathbf{s}\mathbf{a}_{3}\mathbf{a}_{3} = \mathbf{s}$ e eerra e fr te 0.67171A° a ee e a a a e ~ [6]. a, er a y r a a r refere se sry a . re rya fa me ere r ere a e e fa a ere a a a ry. re e f 0hk, 0-h-k, 0h-k a 0-hk r em ref e 🖉 ea, a, e a, re a, e e a, e r f R-3c refer , hkil : -h+k+l=3, h-h0l: h+l=3; l, hh-2hl: l=3, 000l: l=6. re r hhl: l=2 rm erm e e e . е erema, re a <u>B</u> 14A rfefa,r refe_ a, era, "rya, fa, r ma, ey 80 µm ameer. e 115 rfe rm e 🛚 a, e F. 1. Dua ere ϵ e y 2 θ - ω e me e e ze f0.005 θ , m ω ren e me f 0.02 e f r \mathfrak{a} , e. \mathfrak{a} , re \mathfrak{a} , e referenceereereereereereferemodreneeaec-eaeeR3caR-3ca/remerryaee ere er e e rfe e "rya, te ea, frm 60 rm ea, a, ea, 0.09, 🖕 a. fa. ya.rera. ee ma.e a.a.r era, e. e e a e r a rem e R3 a, R-3 e a e a -3,a R32, R3m,a R-3m e a e a -3m. I e refrrre

e a e \mathcal{L} -3*m*. I e refrre eem \mathcal{L} e a e r a fa ya e e a r ynmer \mathcal{R} -3 (.148). Dea e a a y e r ref(a_{1} r)(A_{1}) \mathcal{L}_{3} ry a =0.005 a 0.20 Γ re.



F. 1. e 115 ff a r f e f e $(1-x) a A L_{3}$ x r L_{3} ry a =0.005 r m e a a e.

References

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