Erratum

Characterization of thin superconducting YBaCuO-films by Raman-spectroscopy

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We acknowledge the occurrence of a cyclic permutation of figure captions and figures in the paper. Figures 1–4 give the correct sequence.

Fig. 1. Raman spectrum of a sputtered film before thermal treatment. The broad distribution of intensity exhibits the amorphous character of the film

Fig. 2. Raman spectra of a 500 nm thick YBaCuO film a) at room temperature and b) at $T \approx 11$ K. The lines at 145, 334, 434, 499, and 600 cm^{-1} represent lattice vibrations of the superconductor. Spectrum a) has been displaced for clarity. The inset shows the spectrum of the bare zirconia substrate

Fig. 3. Temperature dependence of the five phonon modes shown in Fig. 2. The behavior of the 334 cm^{-1} line differs from that of the other excitations as it softens at temperatures below the superconducting transition. The lines are drawn as guides to the eye

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Fig. 4. Raman spectrum of a film on single crystalline SrTiO_3 substrate. The line at 332 cm^{-1} corresponds to the line at the same frequency shift in Fig. 2. The other lines are suppressed because selection rules become effective due to the preferred orientation of the film

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