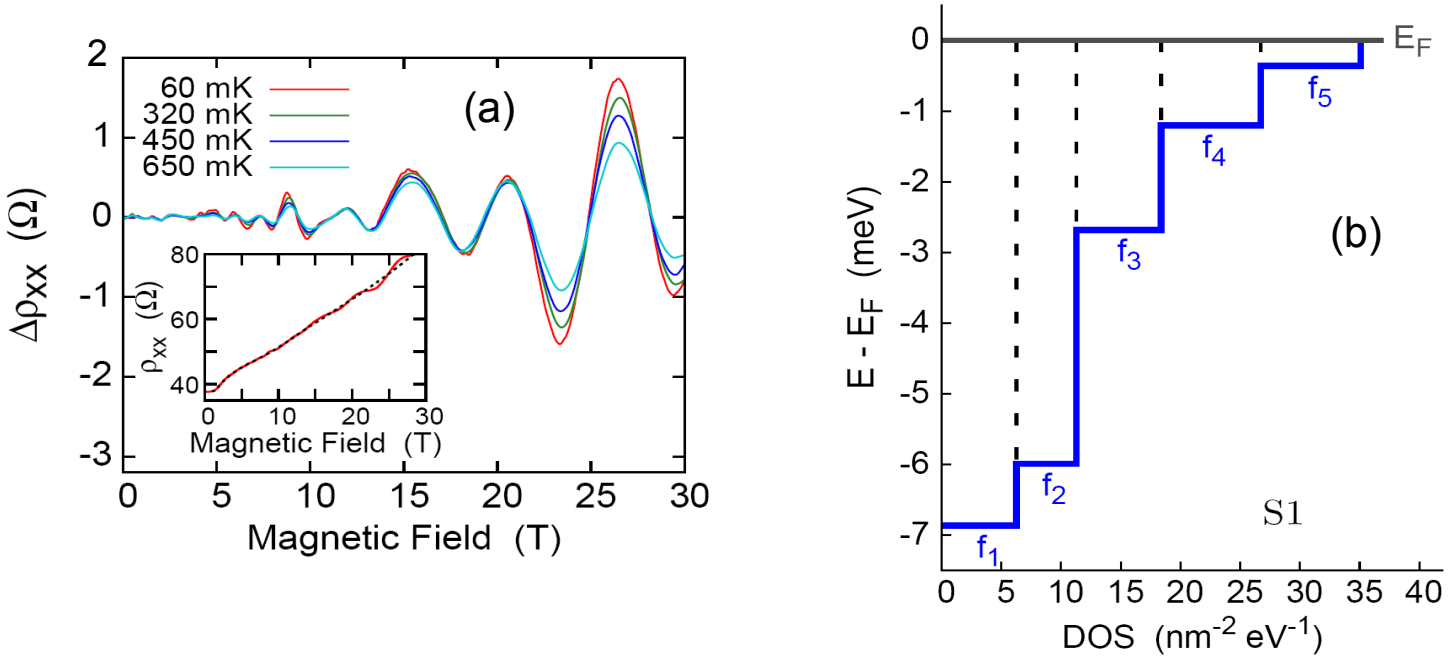

Figure 1:

(a) Shubnikov-de Haas oscillations in high magnetic fields and at different temperatures for a sample of $SrTiO_3/SrCuO_2/LaAlO_3/SrTiO_3$. The main figure shows the oscillations with the background magnetoresistance subtracted; the inset shows the raw data.

(b) Subband structure extracted from the quantum oscillation data in (a). The five subbands (labelled $f_{n)}$ correspond to five frequencies comprising the oscillation signal.