Search for structural relaxations upon spin reorientation in Ni-monolayers on W(110)

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magnetoleasticity: strain couples to the magnetic anisotropy fcc vs. fct deviation from cubic symmetry enhances magnetic anisotropy



tetragonal distortion drives SRT layer relaxation upon H-adsorption



8 10⁻³ $(2B_{2})$ $d_{(111)}$

d₍₁₁₁₎ 0.015 A

small, but measurable relaxation is sufficient for SRT

