

Supplementary Information

A metal surface with chiral memory

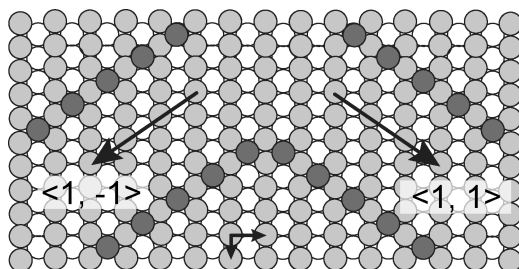
Chrysanthi Karageorgaki^a and Karl-Heinz Ernst^{*a,b}

^aEmpa, Swiss Federal Laboratories for Materials Science and Technology, Überlandstrasse 129, CH-8600 Dübendorf, Switzerland.

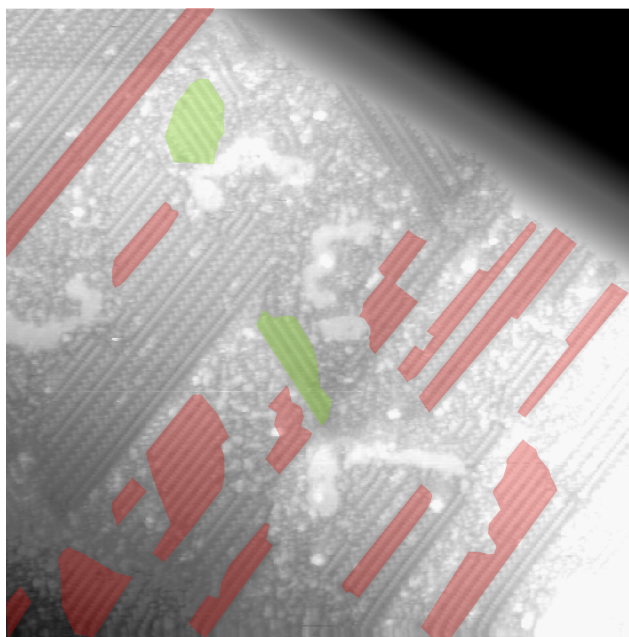
Tel.: +41 58 765 43 63

E-mail: karl-heinz.ernst@empa.ch

^b Department of Chemistry, University of Zurich, CH-8057 Zürich, Switzerland



Supplementary Information Fig. 1. Definition of surface directions used here. The surface unit cell vectors are shown in the middle lower part of the figure.



Supplementary Information Fig. 2. Long range STM image of maleic acid on Cu(110) after annealing 30 min at 150 °C (50 nm × 50 nm, U = 464 mV, I = 780 pA). The chiral areas without molecules are colored in green and red. At the black area mark a lower terrace where feedback control of the STM was lost.