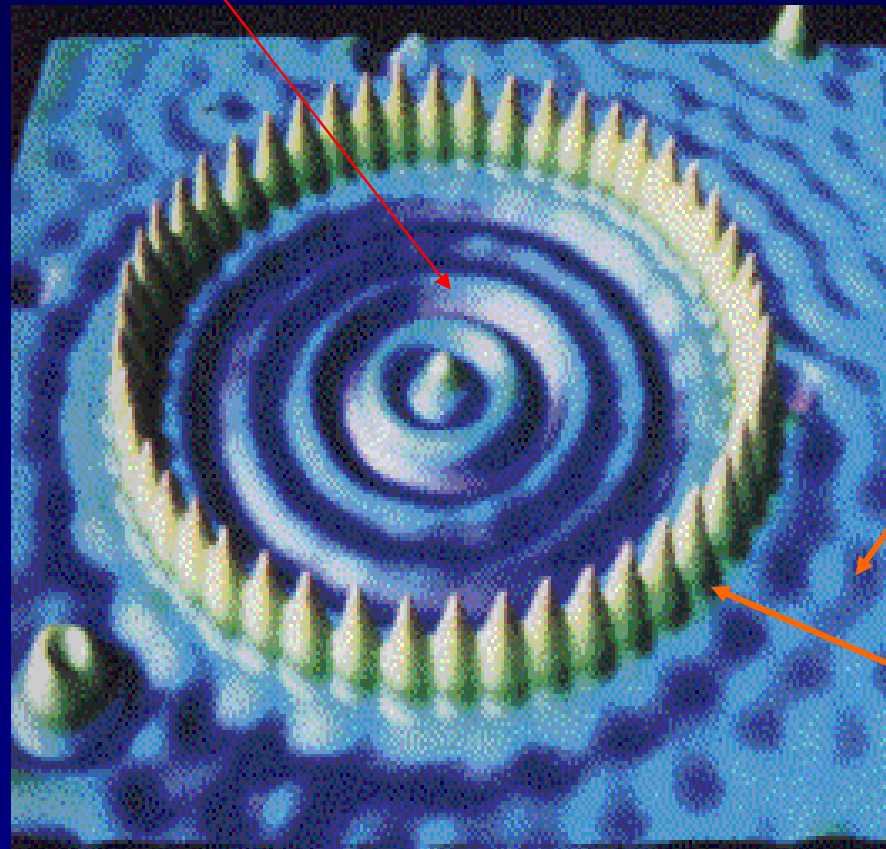


Observation of an electron wave "in a box"

Image taken with a scanning tunneling microscope (more later)

(Note: the color is not real! - it is a representation of the electrical current observed in the experiment)

Real standing waves of electron density in a "quantum corral"



IBM
Almaden

Cu

Single
atoms (Fe)