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Visualizing strongly-correlated electrons with a novel scanning tunneling microscope

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in 1990

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The cover shows a (Fourier-filtered) atomically-resolved STM topographic image measured by the author on Sr_2RhO_4. Few atomic defects act as scatterers for quasiparticles, resulting in the formation of standing waves that interfere with each other. The width of the author name corresponds to a scalebar of 2 nm.

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