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## **Oxidation catalysis on Pt and Au : complexity of simple chemistry**

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OXIDATION CATALYSIS ON Pt AND Au:  
COMPLEXITY OF SIMPLE CHEMISTRY

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The front cover shows the fast Fourier transform of the perfect spoked-wheel pattern, which is depicted on the back cover. It illustrates the complexity that a simple system can show. The insets on the front cover display scanning electron micrographs of sharp tips for scanning probe microscopy; from top to bottom: a shattered sapphire chip, a Au-coated, etched W tip, and an etched Mo tip. Top and middle image were recorded by Dr. Sander B. Roobol. Middle image is presented on an artificial background (downloaded from [wallpaperswa.com](http://wallpaperswa.com)). On the back cover, the insets show various scanning tunneling micrographs of different surfaces adapting to high-pressure conditions; from top to bottom: Pt(111) exposed to NO<sub>2</sub>, Co(0001) to H<sub>2</sub>, and Ag(111) to S-contaminated ethylene.

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