AUGER SPECTRA OF AMMONIA ON ALUMINUM AND OXIDIZED ALUMINUM. (U)  
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Auger Spectra of Ammonia on Aluminum and Oxidized Aluminum.

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Auger Spectra of Ammonia on Aluminum and Oxidized Aluminum.


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X-ray excited N(KVV) Auger spectra are reported for sub-monolayer amounts of ammonia adsorbed at 128K on clean and oxidized polycrystalline aluminum. The spectra were deconvoluted using an instrument function derived from the measured losses associated with the N(1s) photoionization region. The resulting spectra are compared with gas phase and condensed NH₃ spectra.
increased amount of H2 absorbed on oxidation as compared to 

connection to determined from the present data, another the 

influence of oxidation on the present system, the 

strength of the oxidation process of (c) compared to (p). 

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