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	$\Delta \mu_{Surf} = \Delta \mu_{Grain}$	
Definitions:		
$\theta_{eq} = \exp\left(-E_{form} / kT\right)$ $v_d = v_0 \exp\left(-E_{diff} / kT\right)$	·)	
$s = s_0 \exp\left(-\Delta E_{ES} / kT\right)$ $a = \exp\left(-\Delta E_{au} / kT\right)$		
Result:		
$\theta_n = \theta_{eq} + \frac{\hat{F}N(an+1)(sN+2)}{2v_d(asN+a+s)} - \frac{\hat{F}n^2}{2v_d} [Eq. 2]$	adatom d data d data d d data d d d data d d d d d d d d d d d d d d d d d d d	
Cu(111):	V _s V _d ↓ ^v c	
$v_0 = 10^{12} Hz$ $E_{diff} = 0.040 eV$		
s ₀ = 15 experimentally	N	
$\Delta E_{ES} = 0.224 eV \qquad \text{determined}$		
$\Delta E_{att} = 0eV$		
$E_{form} = 0.714 eV$		



































Ehrlich-Schwoebel barrier / Step Flow			











































