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*Kinetic equations for diffusion in the presence of ...*

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*Diffusion - Wikipedia*

*Density Functional Theory Calculations of Diffusion ...*

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For the 0-1A subcategory (Fig. 4(a)), an increase of about 0.08 eV in diffusion barrier results from adding every I-NNN atom, while an increment of 0.06 eV in barrier is found for the 0-3A category, as shown in Fig. 4(b). As for the configurations in the 0-2A subcategory, adding one I-NNN atom increases the diffusion barrier by about 0.04 eV, an even smaller increase in diffusion, revealing that in the atomic configurations derived from this subcategory, the I-NNN atom has small impact on ...

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*Migration barriers for surface diffusion on a rigid ...*

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*Calculation of adiabatic barriers for cation diffusion in ...*

, ~12! is the Fokker-Planck equation accounting for the evolution of the probability density in  $x$  space. Under the conditions for which  $W_5F_5U_2TS$ , this equation transforms into the Fokker-Planck equation for a system in the presence of energy and entropy barriers. One then obtains  $J = -D \frac{d\phi}{dx}$  where  $J$  is the diffusion flux, of which the dimension is amount of substance per unit area per unit time.

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2. SET UP THE DIFFUSION EQUATION 6 3. SOLUTION OF THE DIFFUSION EQUATION 7 3.1. First point in the column 8 3.2. Boundaries between barriers 9 3.3. Boundary condition at the end of the last barrier 10 4. REFERENCES 12 APPENDICES 14 Appendix I: Computer code 14 Appendix II: Porosities - 20 Appendix III: Diffusion coefficients 21

*DIFMIG - A computer program for calculation of diffusive ...*

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*DIFFUSION COEFFICIENT - Thermopedia*

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