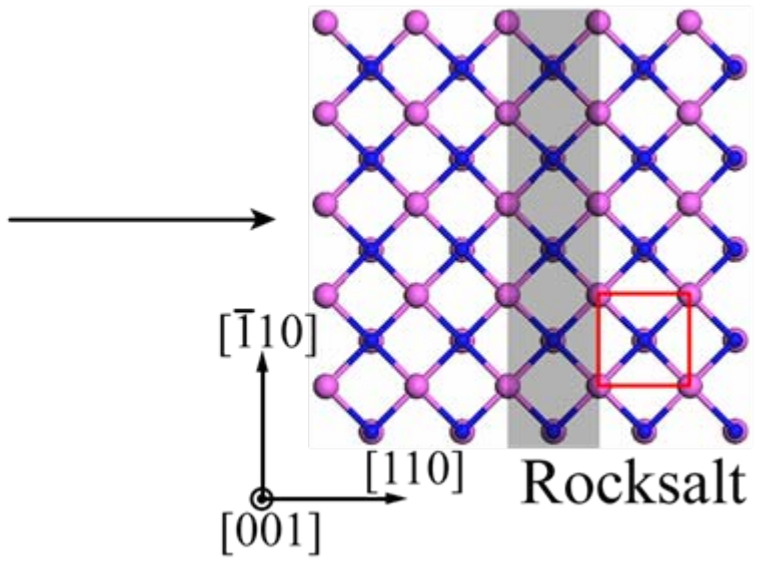
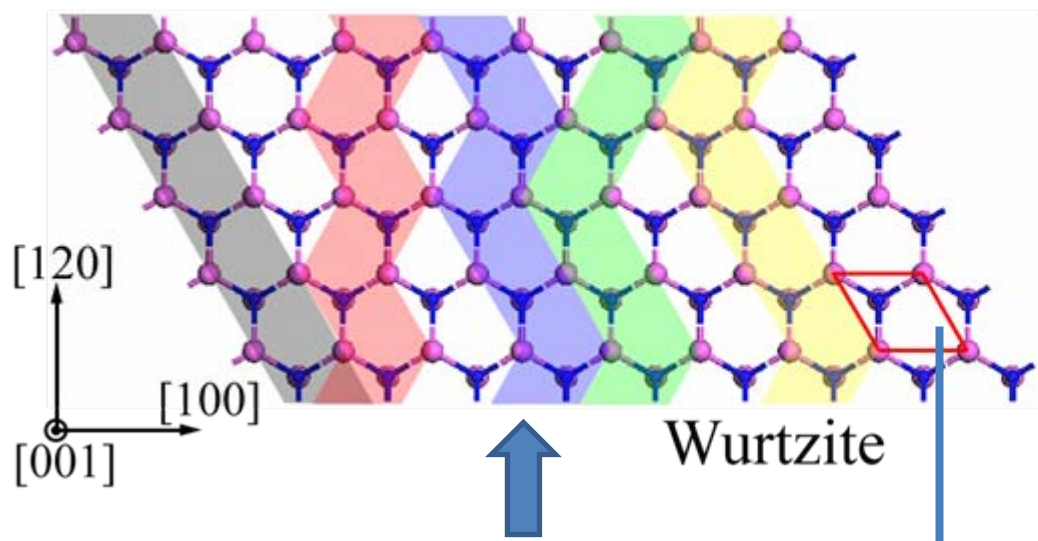


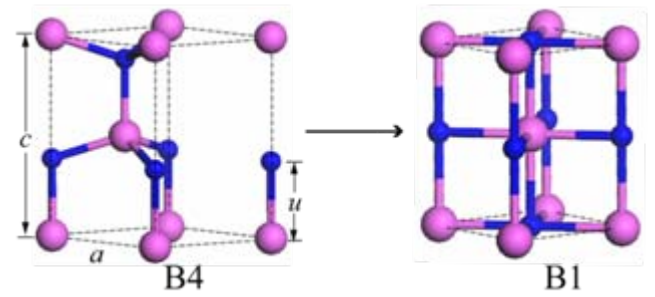
# First-Principles Study of Transformation Mechanism for the Wurtzite-to-Rocksalt Transition in AlN

Bin Xu<sup>1</sup>, Jianjun Dong<sup>1</sup>, Harold Stokes<sup>2</sup> and Dorian Hatch<sup>2</sup>

<sup>1</sup>Physics Department, Auburn University, Auburn, Alabama 36849-5311; <sup>2</sup>Department of Physics and Astronomy, Brigham Young University, Provo, Utah 84602



Five bilayer-sliding transition paths:  
long-range pattern of "transition units"



Transformation of "transition unit"

