

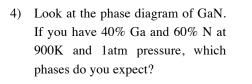
Physics 8550 – Physics of Thin Films

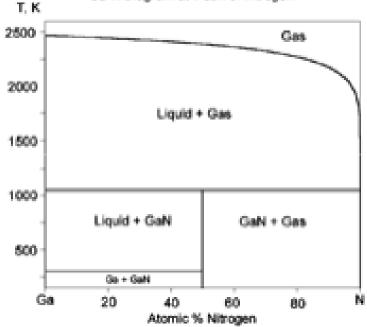


Assignment #2: Semiconductors

(due to Wednesday, Feb. 13, 2017)

- 1) Work through the lecture notes: Thermodynamics & Phase diagrams
- 2) Which symmetry element is found on <110> directions in fcc materials?
- 3) What thermodynamic quantity should we use to predict whether or not a reaction will occur?





Ga-N Diagram at 1 atm of Nitrogen