1. Problem 6.2, text.
2. Problem 6.3, text  
   Note: The premise (but not the details) of this problem has received strong support from a  
   detailed calculation: See Sequestration of Noble Gases in Giant Planet Interiors  
   Author(s): Wilson HF, Militzer B  
   Source: PHYSICAL REVIEW LETTERS Volume: 104 Issue: 12 Article Number: 121101  
   Published: MAR 26 2010  
3. Problem 7.4, text.
4. Problem 8.2, text.