

HW #8

(due 04/30)

Reading

- (i) Omar (θ) Ch. 10
- (ii) Handout 8

Problems

1. θ Ch. 10, Q. 2
2. θ Ch. 10, Q. 5
3. θ Ch. 10, Q. 6
4. θ Ch. 10, Pr. 1

Please your answer in symbolic form since we do not have all the #s

5. θ Ch. 10, Pr. 6

6. Using information in Handout 8, please describe the discovery and the main properties of the intermetallic superconductor MgB_2 . please use ≥ 4 sentences in your response.