

Condensed Matter Physics 2023

Assignment – Marking Criteria

Note: no marks after solutions are published (Monday 22nd May)

1. (5 points)
 - (a) 1 point
 - (b) 1 point
 - (c) 1 point
 - (d) 1 point for correct expression of v_g , 1 point for correct results at $k_x = 0$ and $k_x = \pi/(2a)$.
2. (5 points)
 - (a) 1 point
 - (b) 1 point
 - (c) 1 point
 - (d) 1 point for correct expression for 2θ , 1 point for correct results.
3. (4 points)
 - (a) 2 points
 - (b) 1 point
 - (c) 1 point
4. (10 points)
 - Layout: 2 points for clearly laid out report structure including references.
 - Writing style: 2 points for good writing style
 - Context & text: 3 points for report that is clear, accurate, shows good understanding and explanation of the topic.
 - Mainstream: 3 points for consideration of wider material to support the report.
 - Advanced: 3 points for appropriate research example and references.