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 9.30-10.30 AM @ Neckers 410) Instructor: Thushari  
 Jayasekera Office: Neckers 478 Tel: (618)-453-1055  
 Email Thushari@siu.edu Office Hours: F 1.30-3.30 Pm  
 Text Book: Solid State Physics - ASHCROFT/MERMIN  
 Other References: Intro 2th, 2024Physics 5555- Solid  
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Advanced Solid State Physics By Philip Phillips, Which

Is Also Available On-line Through PittCat Classic. For

Semiconductor Physics, A Good (albeit Somewhat

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671: Advanced Solid State Physics1. Book Chapter

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## Physics 3715 Solid State Physics Fall 2018 (2191)

Lectures ...Condensed Matter Theorists. 11. A

Quantum Approach To Condensed Matter Physics By

Philip L. Taylor And Olle Heinonen (2002) The

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Introduction To Solid State Physics, Wiley; 8 Edition  
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Holgate (required) And Introduction To Solid State  
Physics By Charles Kittel (highly Recommended, Virtual  
Copies Exist). Kittel's Book Will Be More Critical For The  
Second Half Of The Semester, But Still Useful Early On  
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By Steven H. Simon Will Be The Primary Textbook  
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