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View Online

Ashcroft, N.W. and Mermin, N.D. (1976) Solid state physics. Australia: [Pacific Grove, CA].

Blunt, M.O. et al. (2008) 'Random Tiling and Topological Defects in a Two-Dimensional Molecular Network', Science, 322(5904), pp. 1077–1081. Available at: https://doi.org/10.1126/science.1163338.

Dingle, R., Wiegmann, W. and Henry, C. (1974) 'Quantum States of Confined Carriers in Very Thin Al_{x}Ga_{1-x}As-GaAs-Al_{x}Ga_{1-x}As Heterostructures', Physical Review Letters, 33(14), pp. 827–830. Available at: https://doi.org/10.1103/PhysRevLett.33.827.

Feng, D. and Jin, G. (2005) Introduction to condensed matter physics. Hackensack, NJ: World Scientific.

Gabrielse, G. (2013) 'The standard models greatest triumph', Physics today, 66(12). Available at: http://0-scitation.aip.org.pugwash.lib.warwick.ac.uk/content/aip/magazine/physicstoday/article/66/12/10.1063/PT.3.2223.

Hook, J.R. and Hall, H.E. (1991) Solid state physics [electronic resource]. 2nd ed., reprinted with corrections. Hoboken: Wiley. Available at: http://WARW.eblib.com/patron/FullRecord.aspx?p=1212553.

Hook, J.R., Hall, H.E. and Hall, H.E. (1991) Solid state physics. 2nd ed. Chichester: Wiley.

Interview with Dan Shechtman - Media Player at Nobelprize.org (no date). Available at: http://www.nobelprize.org/mediaplayer/index.php?id=1746.

Jainendra, K.J. (2000) 'The Composite Fermion: A Quantum Particle and Its Quantum Fluids', Physics today, 53(4). Available at: http://0-ejournals.ebsco.com.pugwash.lib.warwick.ac.uk/Direct.asp?AccessToken=95X5IIM8XEXMDQZD4Q1IXKX44REZ8JM55&Show=Object.

Math, Physics, and Engineering Applets (no date). Available at: http://www.falstad.com/mathphysics.html.

Sohrmann, C. (2007) Interactions in the integer quantum Hall effect. United Kingdom: University of Warwick. Available at: http://wrap.warwick.ac.uk/59339/.

Solymar, L. (no date) Electrical Properties of Materials [electronic resource]. 9th edition. Oxford University Press, 2014.

Solymar, L., Walsh, D. and Syms, R.R.A. (2014) Electrical properties of materials. Ninth edition. Oxford, United Kingdom: Oxford University Press.

The Oxford Solid State Basics | University of Oxford Podcasts - Audio and Video Lectures (no date). Available at: http://podcasts.ox.ac.uk/series/oxford-solid-state-basics.

The Wiedemann-Franz law in the SU(N) Wolff model (no date). Available at: http://arxiv.org/abs/cond-mat/0602374?

'Thermoelectric Transport Properties in Disordered Systems Near the Anderson Transition' (1999) European physical journal., 179(12). Available at: http://arxiv.org/abs/cond-mat/9904362?

WebElements Periodic Table of the Elements (no date). Available at: http://www.webelements.com/.

Weber, B. et al. (2012) 'Ohm's Law Survives to the Atomic Scale', Science, 335(6064), pp. 64–67. Available at: https://doi.org/10.1126/science.1214319.