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Amstead, B. H., Ostwald, Phillip F., & Begeman, Myron L. (1987). Manufacturing processes (8th ed). Wiley.

Boothroyd, G., Dewhurst, Peter, & Knight, W. A. (2011). Product design for manufacture and assembly: Vol. Manufacturing engineering and materials processing (3rd ed). CRC Press. http://encore.lib.warwick.ac.uk/iii/encore/record/C Rb3252830

Campbell, J. (2015). Complete Casting Handbook: Metal Casting Processes, Metallurgy, Techniques and Design (2nd Revised edition). Elsevier Science & Technology.

Chua, C. K., Leong, K. F., & Lim, C. S. (2010). Rapid prototyping: principles and applications (3rd ed). World Scientific.

Davies, A. C. (1993). The Science and Practice of Welding (10th Revised edition). Cambridge University Press.

DeGarmo, E. P., Black, J. T., Kohser, R. A., & DeGarmo, E. P. (2007). DeGarmo's materials and processes in engineering (10th ed). Wiley.

El Wakil, Sherif D. (1998). Processes and design for manufacturing (2nd ed). PWS.

Foston, Arthur L., Smith, Carolena L., & Au, Tony. (1991). Fundamentals of computer-integrated manufacturing. Prentice Hall. https://go.exlibris.link/Mqq17K8h

Gedde, U. W. (1995). Polymer physics. Chapman & Hall.

George Chryssolouris. (n.d.). Manufacturing systems: theory and practice: Vol. Mechanical engineering series (2nd edition). Springer, 2006. https://go.exlibris.link/twG9KZXS

Gibson, I. (n.d.). Additive manufacturing technologies: 3D printing, rapid prototyping, and direct digital manufacturing (2nd ed). https://go.exlibris.link/zkhhlKSG

Gibson, Ian, Rosen, David W., & Stucker, Brent. (n.d.). Additive manufacturing technologies: rapid prototyping to direct digital manufacturing (3rd edition). Springer, 2020. http://0-dx.doi.org.pugwash.lib.warwick.ac.uk/10.1007/978-1-4419-1120-9

Groover, M. P. (2020a). Fundamentals of modern manufacturing: materials, processes, and systems (Seventh edition). Wiley.

Groover, M. P. (2020b). Fundamentals of modern manufacturing: materials, processes, and systems (Seventh edition). Wiley.

Groover, Mikell P. (n.d.). Automation, production systems, and computer-integrated manufacturing (5th edition). Pearson, 2019.

Guinee, J. B., & Guinie, J. B. (2014). Handbook on Life Cycle Assessment: Operational Guide to the ISO Standards. Plenum Publishing Corporation.

Harper, C. A. (2014). Handbook of Plastic Processes. Wiley india Pvt. Ltd.

Hopkinson, N., Hague, R. J. M., & Dickens, P. M. (2006). Rapid manufacturing: an industrial revolution for the digital age. John Wiley. https://go.exlibris.link/LWHzK84R

Kalpakjian, Serope & Schmid, Steven R. (2003). Manufacturing processes for engineering materials (4th ed). Prentice Hall.

Kamrani, A. K., & Nasr, E. A. (2010). Engineering design and rapid prototyping. Springer. https://go.exlibris.link/MByvXCm4

Kunze, H.-D. (Ed.). (1997). Competitive advantages by near-net-shape manufacturing. DGM Informationsgesellschaft.

Lindberg, Roy A. (1990). Processes and materials of manufacture: Vol. Prentice Hall Series in Engineering (4th ed). Allyn and Bacon.

Niebel, Benjamin W., Draper, Alan B., & Wysk, Richard A. (1989). Modern manufacturing process engineering: Vol. McGraw-Hill series in industrial engineering and management science. McGraw-Hill.

P.C, A., & R, S. (2008). Powder Metallurgy: Science, Technology and Applications (pp. 1–312). PHI Learning Pvt Ltd.

Strong, A. Brent. (2008). Fundamentals of composites manufacturing: materials, methods and applications (2nd ed). Society of Manufacturing Engineers.

Thyagarajan, K., & Ghatak, A. K. (2010). Lasers: fundamentals and applications: Vol. Graduate texts in physics (2nd ed) [Electronic resource]. Springer. http://0-link.springer.com.pugwash.lib.warwick.ac.uk/10.1007/978-1-4419-6442-7

Timings, R. L. (1993). Manufacturing technology. Longman Scientific & Technical.

Timings, R. L. (1998). Manufacturing technology (3rd ed). Longman.

Ward, I. M., & Sweeney, J. (2004). An introduction to the mechanical properties of solid polymers (2nd ed). Wiley.

Welding Handbook (8th illustrated edition). (1998). American Welding Society.