

Author(s)	Title of book	Year published	Publisher
U.R. Evans	Metals and metallic compounds	1923	Edward Arnold
U.R. Evans	The corrosion of metals	1924	Edward Arnold
U.R. Evans	The corrosion of metals (2nd ed.)	1926	Edward Arnold
U.R. Evans	Metallic corrosion, passivity and protection	1937	Edward Arnold
A.H. Cottrell	Theoretical structural metallurgy	1948	Arnold
U.R. Evans	An introduction to metallic corrosion	1948	Edward Arnold
U.R. Evans	An introduction to metallic corrosion	1948	Edward Arnold
A.H. Cottrell	Dislocation and plastic flow in crystals	1953	Clarendon Press
A.H. Cottrell	Theoretical structural metallurgy (2nd ed.)	1955	Arnold
U.R. Evans	Corrosion and oxidation of metals	1960	Edward Arnold
J.P. Chilton	Principles of metallic corrosion	1961	Royal Institute of Chemistry
U.R. Evans	An introduction to metallic corrosion (2nd ed.)	1963	Edward Arnold
A.H. Cottrell	The mechanical properties of matter	1964	Wiley
A.H. Cottrell	Theory of crystal dislocations	1964	Gordon and Breach
A.H. Cottrell	Superconductivity	1964	
U.R. Evans	Outdoor activities : memories selected for amusement rather than achievement.	1964	Privately printed
D. Hull	Introduction to dislocations	1965	Pergamon Press
P.B. Hirsch, A. Howie, R.B. Nicholson, D.W. Pashley and M.J. Whelan	Electron microscopy of thin crystals	1965	Butterworths
D.G. Brandon	Modern techniques in metallography	1966	Butterworth
A. Kelly	Strong solids	1966	Clarendon Press
A.H. Cottrell	An introduction to metallurgy	1967	Edward Arnold
J.M. Thomas and W.J. Thomas	Introduction to the principles of heterogeneous catalysis	1967	Academic Press
J.P. Chilton	Principles of metallic corrosion (2nd ed.)	1968	Royal Institute of Chemistry
R.W.K. Honeycombe	The plastic deformation of metals	1968	Edward Arnold
A. Kelly and G.W. Groves	Crystallography and crystal defects	1970	Longman
N.F. Mott and E.A. Davis	Electronic processes in non-crystalline materials	1971	Oxford University Press
A.M. Campbell and J.E. Evetts	Critical currents in superconductors	1972	Taylor and Francis
G.A. Chadwick	Metallography of phase transformations	1972	Butterworths
A. Kelly	Strong solids (2nd ed.)	1973	Clarendon Press
J.F. Knott	Fundamentals of fracture mechanics	1973	Butterworths
O. Wyatt and D. Dew-Hughes	Metals, Ceramics and Polymers: an Introduction to the Structure and Properties of Engineering Materials	1974	Cambridge University Press
J.W. Edington	The operation and calibration of the transmission electron microscope	1974	Macmillan
A.H. Cottrell	An introduction to metallurgy (2nd ed.)	1975	Edward Arnold
A.H. Cottrell	Portrait of nature: the world as seen by modern science	1975	Harper Collins
J.W. Edington	Interpretation of transmission electron micrographs	1975	Macmillan
J.W. Edington	Electron diffraction in the electron microscope	1975	Macmillan
D. Hull	Introduction to dislocations (2nd ed.)	1975	Pergamon Press
J.W. Edington	Typical electron microscope investigations	1976	Macmillan
K.C. Thompson-Russell and J.W. Edington	Electron microscope specimen preparation techniques in materials science	1977	Macmillan
A.H. Windle	A first course in crystallography	1977	Bell
A.H. Cottrell	Environmental economics	1978	Hodder Arnold
A.H. Cottrell	The undermining of British industry	1979	
N.F. Mott and E.A. Davis	Electronic processes in non-crystalline materials (2nd ed.)	1979	Oxford University Press
J.F. Knott and D. Elliott	Worked examples in fracture mechanics	1979	Institute of Metals
A.H. Cottrell	How safe is nuclear energy?	1981	Heinemann
A.H. Cottrell	With energy, all material things are possible	1981	
U.R. Evans	An introduction to metallic corrosion (3rd ed.)	1981	Edward Arnold
R.W.K. Honeycombe	Steels: microstructure and properties	1981	Edward Arnold
D. Hull	An introduction to composite materials	1981	Cambridge University Press
J.A. Charles and F.A.A. Crane	Selection and use of engineering materials	1984	Butterworths
R.W.K. Honeycombe	The plastic deformation of metals (2nd ed.)	1984	Edward Arnold
D. Hull and D.J. Bacon	Introduction to dislocations (3rd ed.)	1984	Butterworth-Heinemann
A. Kelly and N.H. Macmillan	Strong solids (3rd ed.)	1986	Clarendon Press
H.K.D.H. Bhadeshia	Worked examples in the geometry of crystals	1987	Institute of Metals
A.H. Cottrell	Introduction to the modern theory of metals	1988	Institute of Metals
J.M. Thomas	Michael Faraday and the Royal Institution : the genius of man and place	1991	Taylor and Francis
H.K.D.H. Bhadeshia	Bainite in steels : transformations, microstructure and properties	1992	Institute of Materials
R.W.Cahn	Artifice and artefacts: 100 essays in materials science	1992	IoP Publishing
I.M. Hutchings	Tribology: friction and wear of engineering materials	1992	Butterworth-Heinemann
A.M. Donald and A.H. Windle	Liquid crystalline polymers	1992	Cambridge University Press
J.F. Knott and P.A. Withey	Fracture mechanics: worked examples (2nd ed.)	1993	Institute of Materials
J.A. Charles and F.A.A. Crane	Selection and use of engineering materials (2nd ed.)	1994	Butterworths

T.W. Clyne and P.J. Withers	An introduction to metal matrix composites	1995	Cambridge University Press
A.H. Cottrell	Chemical bonding in transition metal carbides	1995	Institute of Materials
A. Lindsay Greer	The origins of the Goldsmiths' Metallurgical Laboratory at Cambridge	1995	Dept. of Mat. Sci. & Met.
Sir Robert Honeycombe and H.K.D.H. Bhadeshia	Steels: microstructure and properties (2nd ed.)	1995	Edward Arnold
D. Hull and T.W. Clyne	An introduction to composite materials (2nd ed.)	1996	Cambridge University Press
David Brandon and Wayne D. Kaplan	Joining processes: an introduction	1997	Wiley
J.A. Charles, F.A.A. Crane and J.A.G. Furness	Selection and use of engineering materials (3rd ed.)	1997	Butterworth-Heinemann
E.A. Davis and I.J. Falconer	J.J. Thomson and the discovery of the electron	1997	Taylor and Francis
J.M. Thomas and W.J. Thomas	Principles and practice of heterogeneous catalysis	1997	Weinheim
A.H. Cottrell	Concepts in the electron theory of alloys	1998	Institute of Materials
David Brandon and Wayne D. Kaplan	Microstructural characterisation of materials	1999	Wiley
Derek Hull	Fractography: observing, measuring and interpreting fracture surface topography	1999	Cambridge University Press
J.A. Charles	Out of the fiery furnace: recollections and meditations of a metallurgist	2000	IoM Communications Ltd.
A. Kelly, G.W. Groves and Patricia Kidd	Crystallography and crystal defects (Revised edition)	2000	Wiley
H.K.D.H. Bhadeshia	Bainite in steels : transformations, microstructure and properties (2nd ed.)	2001	Institute of Materials
R.W. Cahn	The coming of materials science	2001	Pergamon Press
D. Hull and D.J. Bacon	Introduction to dislocations (4th ed.)	2001	Butterworth-Heinemann
Colin J. Humphreys	The miracles of Exodus : a scientist's discovery of the natural causes of the biblical stories	2003	Continuum
R.W. Cahn	The art of belonging: a memoir	2005	Book Guild Publishing
J.A. Charles and A. L. Greer	Light blue materials : the Department of Materials Science and Metallurgy, University of Cambridge : a history	2005	Maney for the IOMMM
H.K.D.H. Bhadeshia and R.W.K. Honeycombe	Steels: microstructure and properties (3rd ed.)	2006	Elsevier Butterworth-Heinemann
J.A. Charles	One man's Cambridge: the life and times of J.H.V. Charles 1887–1932	2006	Folly Press
Roger Reed	The superalloys	2006	Cambridge University Press
Athene Donald, Alan Windle and Simon Hanna	Liquid crystalline polymers (2nd ed.)	2006	Cambridge University Press
David Brandon and Wayne D. Kaplan	Microstructural characterisation of materials (2nd ed.)	2008	Wiley
Ahmed H. Zewail and John M. Thomas	4D electron microscopy : imaging in space and time	2009	Imperial College Press
Kenneth F. Kelton and A. Lindsay Greer	Nucleation in condensed matter : applications in materials and biology	2010	Elsevier
D. Hull and D.J. Bacon	Introduction to dislocations (5th ed.)	2011	Butterworth-Heinemann
Colin J. Humphreys	The mystery of the last supper: reconstructing the final days of Jesus	2011	Cambridge University Press
Anthony Kelly and Kevin M. Knowles	Crystallography and crystal defects (2nd ed.)	2012	Wiley
J.M. Thomas	Design and applications of single-site heterogeneous catalysts : contributions to green chemistry, clean technology and sustainability	2012	Imperial College Press
Graeme Davies and Geoff Garrett	Herding professional cats: being advice to aspiring leaders in the professions	2013	Triarchy Press
H.K.D.H. Bhadeshia	Bainite in steels : theory and practice (3rd ed.)	2015	Maney Publishing
J.M. Thomas and W.J. Thomas	Principles and practice of heterogeneous catalysis (2nd ed.)	2015	Wiley-VCH
H.K.D.H. Bhadeshia	Geometry of crystals, polycrystals and phase transformations	2017	CRC Press
H.K.D.H. Bhadeshia and R.W.K. Honeycombe	Steels: microstructure and properties (4th ed.)	2017	Butterworth-Heinemann
Ian Hutchings and Philip Shipway	Tribology: friction and wear of engineering materials (2nd ed.)	2017	Butterworth-Heinemann
T.W. Clyne and D. Hull	An introduction to composite materials (3rd ed.)	2019	Cambridge University Press
Anthony Kelly and Kevin M. Knowles	Crystallography and crystal defects (3rd ed.)	2020	Wiley
J.M. Thomas	Architects of Structural Biology: Bragg, Perutz, Kendrew, Hodgkin	2020	Oxford University Press
H.K.D.H. Bhadeshia	Theory of transformations in steels	2021	CRC Press
T. DebRoy and H.K.D.H. Bhadeshia	Innovations in everyday engineering materials	2021	Springer Nature
T.W. Clyne and J.E. Campbell	Testing of the Plastic Deformation of Metals	2021	Cambridge University Press