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# Recommended Literature for Further Reading

## INTRODUCTION

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- Thomas, G. and Goringe, M.J., *Transmission Electron Microscopy of Materials*, John Wiley & Sons, New York, 1979.
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- Hull, D. and Bacon, D.J., *Introduction to Dislocations*, 4th ed., Butterworth-Heinemann, Oxford, 2001.
- Novikov, I.I. and Rozin, K.M., *Kristallografia i Defecti Kristallicheskoj Reshetki Metallov (Crystallography and Defects of Metals Crystal Lattice)*, Moscow, Metallurgia, 1990 (in Russian).
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## CHAPTER 2

- Bernstein, M.L., *Struktura Deformirovannih Metallov (Structure of Deformed Metals)*, Moscow, Metallurgia, 1977 (in Russian).
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## CHAPTER 3

- Cahn, R.W., Recovery and recrystallization, in *Physical Metallurgy*, 4th ed., Vol. 3, Cahn, R.W. and Haasen, P., Eds., North-Holland Publishing Co., Amsterdam, 1996, chap. 28.
- Cotterill, D. and Mould, P.R., *Recrystallization and Grain Growth in Metals*, Surrey Univ. Press, London, 1976.
- Gorelik, S.S., *Rektistallizazia Metallov i Splavov (Recrystallization of Metals and Alloys)*, Moscow, Metallurgia, 1978 (in Russian).
- Humphreys, F.J. and Hatherly, M., *Recrystallization and Related Annealing Phenomena*, Pergamon Press, Oxford, 2004.

## CHAPTER 4

- Chalmers, B., *Principles of Solidification*, John Wiley & Sons, New York, 1977.
- Flemings, G.A., *Solidification Processing*, McGraw-Hill, New York, 1964.
- Porter, D.A. and Easterling, K.E., *Phase Transformations in Metals and Alloys*, 2nd ed., Chapman & Hall, London, 1992.

## CHAPTER 5

- Bernstein, M.L. and Rachstadt, A.G. (Eds.), *Metalovedenie I Termicheskaja Obrabotka Stali (Physical Metallurgy and Heat Treatment of Steel)*, 3rd ed., Vol. 2, Metallurgia, Moscow, 1983, chaps. 25 and 26 (in Russian).
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