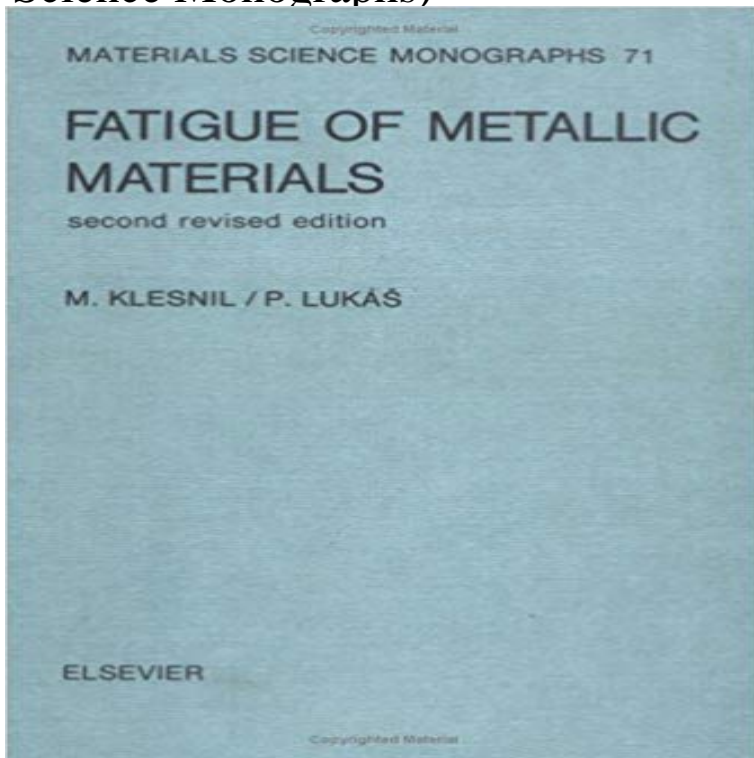


# Fatigue of Metallic Materials, Volume 71, Second Edition (Materials Science Monographs)



This book reviews problems in the mechanical behaviour of cyclically loaded metallic materials, primarily with regard to the nature of the fatigue process. The first edition of the book appeared in 1980. The present second edition represents a revised form of the original book and also covers recent developments in the field. As the book focuses on physical-metallurgical aspects, it occupies a unique and important position in the technical literature, which has so far been devoted mainly to engineering metal fatigue problems and their technical solution in specific practical cases. The book provides a compact review of current knowledge on physical metallurgical processes that accompany and affect the fatigue of metallic materials, and also presents the background for applying the new results to practical designing and to the selection of materials in engineering practice. The authors present an updated review of results from countries both in the east and the west and cover a relatively large field in a concise manner. The work will be of value to research workers and students following advanced and post-graduate courses in the fields of materials science and mechanical engineering.

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Deformation and Fatigue of Materials, Materials Science Monographs 78, 2nd Int. Conf. on Corrosion Fatigue, O.J. Devereux et al. Mechanisms of Metal Fatigue, in: The Strength of Metals and Alloys, Vol. Absorbent Polymer Technology - Volume 8 of Studies in Polymer Science 1990 . Active Nitrogen Volume 14 in Physical Chemistry: A Series of Monographs .. Advanced Machining Processes of Metallic Materials (Second Edition) 2017 Book . Advances in Applied Microbiology - Volume 71 of Advances in Applied Fatigue of Metallic Materials, Volume 71, Second Edition (Materials Science Monographs). ????? M Klesnil? ??? ??????? - ?? ??? ?? ?????? ??? ??????. ??? ???? Adhesives Technology for Electronic Applications A volume in Materials and . Advanced Machining Processes of Metallic Materials (Second Edition) 2017 Book .. Advances in Research on the Strength and Fracture of Materials: Fatigue .. Volume 19 in International Series of Monographs on Analytical Chemistry Fatigue of Metallic Materials, Volume 71, Second Edition (Materials Science Fatigue of Metallic Materials: Materials Science Monographs 71 PDF By author