GASES IN METALS

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J. D. FAST

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PREFACE

My earlier book *Interaction of Metals and Gases*, Volume 2 (Macmillan, 1971) was generally reviewed very favourably. From one of the reviews I quote the following comments: 'The book is aimed at "metallurgical students, industrial metallurgists and chemists"; however, while a few specialists might prefer a greater in-depth treatment, this volume probably has a much wider value and may be recommended to anyone interested in solid-state theory, ultra-high-vacuum attainment and gas purification through metal membranes, and to those interested in heterogeneous metal catalysis, as almost essential background material. Typically, the volume would make an excellent reference text for related graduate or even undergraduate courses.'

Moreover, several reviewers expressed the wish for a less expensive book and I have therefore amended and reorganised the contents of the earlier book so as to provide a completely self-contained text at a lower price. I hope that the resulting new book, now appearing in paperback and bearing the title *Gases in Metals*, will be received as favourably as the more comprehensive *Interaction of Metals and Gases*.

Eindhoven, 1976

J. D. Fast