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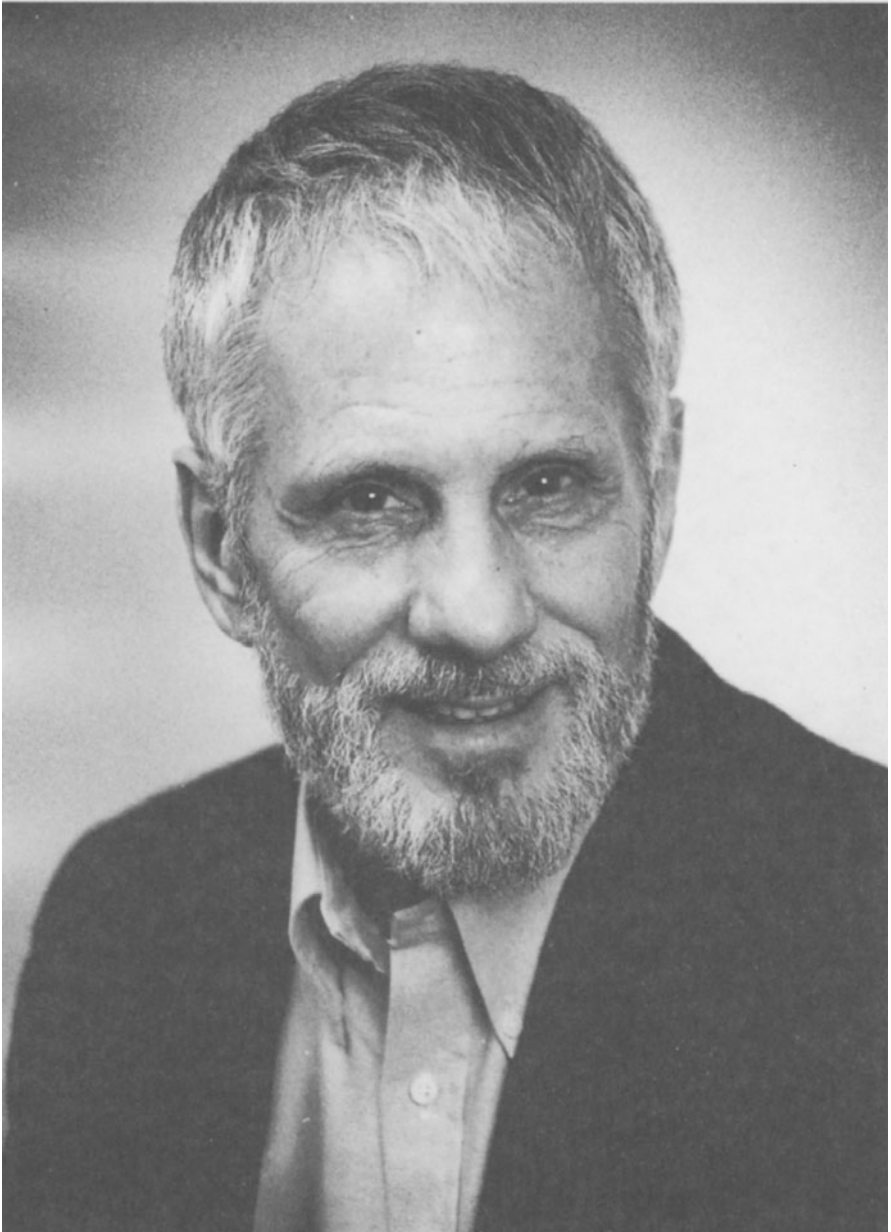
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MORTON E. GURTIN

J. M. Ball D. Kinderlehrer
P. Podio-Guidugli M. Slemrod (Eds.)

**Fundamental Contributions
to the Continuum Theory
of Evolving Phase Interfaces
in Solids**

A Collection of Reprints of 14 Seminal Papers
Dedicated to
Morton E. Gurtin
on the Occasion of His Sixty-Fifth Birthday

With an Introduction by Eliot Fried



Springer

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Preface

A traditional way to honor distinguished scientists is to combine collections of papers solicited from friendly colleagues into dedicatory volumes. To honor our friend and colleague Mort Gurtin on the occasion of his sixty-fifth birthday, we followed a surer path to produce a work of intrinsic and lasting scientific value: We collected papers that we deemed seminal in the field of evolving phase interfaces in solids, a field to which Mort Gurtin himself has made fundamental contributions. Our failure for lack of space to include in this volume every paper of major significance is mitigated by the magisterial introduction prepared by Eliot Fried, which assesses the contributions of numerous works.

We hope that this collection will prove useful and stimulating to both researchers and students in this exciting field.

August 1998

*John M. Ball
David Kinderlehrer
Paulo Podio-Guidugli
Marshall Slemrod*

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