Foreword

This is the Fourth Volume in the series of *Memorial Tributes* issued periodically by the National Academy of Engineering to honor the deceased members and foreign associates of the Academy and to recognize their achievements. Publication of this volume marks the conclusion of the observance of the twenty-fifth anniversary year of the NAE. It is intended that these volumes will stand as an enduring record of the many contributions of engineers and engineering to the benefit of humankind. In almost all cases, the authors of the tributes are contemporaries or colleagues who had personal knowledge of the interests and engineering accomplishments of the deceased members and foreign associates.

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ALEXANDER H. FLAX

*Home Secretary*
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