PREFACE

Professor Björn Engquist is one of the most distinguished applied mathematicians of our time. He has made fundamental contributions on numerical methods for partial differential equations, such as, absorbing boundary condition, ENO scheme, and numerical modelings of multiscale hyperbolic problems, etc. (for details, see the introduction of Professor Weinan E next page). He has strongly influenced the development of this field also by producing so many outstanding students and post-doctors who have become the leaders of this field, many of whom are Chinese. Thus, the editors of Methods and Applications of Analysis are happy to dedicate this special issue to Professor Engquist on the occasion of his sixtieth birthday.

We are grateful to all the authors who have contributed their excellent research articles to this issue in recognition of the great contributions that Professor Engquist made to mathematics. We also would like to thank Professor Weinan E for his personal essay on Björn.

We wish Björn a happy birthday and many more productive years ahead.

Editors of MAA