# Contents

1 Flank Milling of Complex Surfaces ........................................ 1
   D. Olvera, A. Calleja, L. N. López de Lacalle,
   F. Campa and A. Lamikiz

2 5-Axis Flank Milling of Sculptured Surfaces ........................... 33
   Johanna Senatore, Frédéric Moniès and Walter Rubio

3 High Performance 5-Axis Milling of Complex Sculptured Surfaces ........................................ 67
   Yaman Boz, S. Ehsan Layegh Khavidaki, Huseyin Erdim and
   Ismail Lazoglu

4 Milling Tool-Paths Generation in Adequacy with Machining Equipment Capabilities and Behavior ............... 127
   Matthieu Rauch and Jean-Yves Hascoët

5 Intelligent Optimisation of 3-Axis Sculptured Surface Machining on Existing CAM Systems ............................. 157
   G.-C. Vosniakos, P. G. Benardos and A. Krimpenis

6 Process Planning for 5-Axis Milling of Sculptured Surfaces Based on Cutter’s Accessibility Analysis ..................... 191
   L. Geng and Y. F. Zhang

7 Manufacturing of Sculptured Surfaces Using EDM and ECM Processes ........................................ 229
   Adam Ruszaj and Wit Grzesik

Index .................................................. 253