Contents

| Control of Asymmetry in the Radical Addition Approach to Chiral Amine Synthesis Gregory K. Friestad | . 1 |
|------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Stereoselective Formation of Amines by Nucleophilic Addition to Azomethine Derivatives André B. Charette and Vincent Lindsay | 33 |
| Transition Metal-Catalyzed Enantioselective Hydrogenation of Enamides and Enamines Qi-Lin Zhou and Jian-Hua Xie | 75 |
| Asymmetric Hydrogenation of Imines | 103 |
| Advances in Transition Metal-Catalyzed Asymmetric Hydrogenation of Heteroaromatic Compounds Yan-Mei He, Feng-Tao Song, and Qing-Hua Fan | 145 |
| Asymmetric Hydroamination | 191 |
| Asymmetric Reductive Amination Chao Wang and Jianliang Xiao | 261 |
| Index | 283 |