

CONTENTS AT A GLANCE

<i>Foreword</i>	xvii
<i>Introduction</i>	xix
PART I ■ CREATING A CHARACTER WITH BLENDER	1
Chapter 1	Blender Basics: Interface and Objects 3
Chapter 2	Working with Meshes 27
Chapter 3	Completing the Model with Materials, Textures, and Hair 87
Chapter 4	Armatures and Rigging 121
Chapter 5	Shape Keys and Facial Rigging 159
PART II ■ BRINGING IT TO LIFE: ANIMATION	205
Chapter 6	Basics of Animation 207
Chapter 7	Armature Animation 223
Chapter 8	Facial Animation and Lip Sync 261
Chapter 9	Animation for Production 277
Chapter 10	Further Issues in Character Animation 299
Chapter 11	Lighting, Rendering, and Editing Your Animation 321
Chapter 12	Python Scripts and Add-Ons 341
PART III ■ BLENDER IN PRODUCTION	347
Chapter 13	The Fruits of Freedom: Open Movies and Open Content 349
Chapter 14	A Look Inside the Blender Open Movies 359
Chapter 15	Behind the Scenes with <i>Sintel</i> 381
Chapter 16	Feifi the Canary— <i>Plumiferos</i> Takes Wing 407
PART IV ■ BLENDER AND BEYOND	419
Chapter 17	Other Software and Formats 421
Chapter 18	Resources for Further Learning 427
Index	433