Contents

Preface 4
- Welcome

Layout and Identity 8
- Parents and children
- Fixing view sizes
- Layout neutrality
- Multiple frames
- Inside TupleView
- Understanding identity
- Intentionally discarding identity
- Optional views, gestures, and more

Animations and Transitions 60
- Animating the unanimatable
- Avoiding pain in iOS 15.6 and below
- Creating animated views
- Custom timing curves
- Overriding animations
- Advanced transitions

Environment and Preferences 106
- The environment
- @Environment vs @EnvironmentObject
- Overriding the environment
- Preferences
- Anchor preferences

Custom Layouts 150

Adaptive layouts
Implementing a radial layout
Implementing an equal width layout
Implementing a masonry layout
Layout caching

Drawing and Effects 187

Drawing with Canvas
Falling snow
Creating a lava lamp
Blurred backgrounds
Magic with SpriteKit

Performance 236

Delaying work…
…or skipping it entirely
Watching for changes
The SwiftUI cycle of events