Table of Contents

Pre	eface	····· VII			
1.	The	Basics 1			
	1.1	Preliminaries and Notation 1			
		1.1.1 Elimination of Quantifiers			
2.	Con	astructing Models with Special Properties			
	2.1	Prime and Atomic Models 11			
	2.2	Saturated and Homogeneous Models 17			
	2.3	Countable Models of Complete Theories			
	2.4	Indiscernible Sequences			
	2.5	Skolem Functions			
3.	Uncountably Categorical and \aleph_0 -stable Theories				
	3.1	Morley's Categoricity Theorem 49			
	3.2	A Universal Domain			
	3.3	Totally Transcendental Theories			
	3.4	The Baldwin-Lachlan Theorem			
	3.5	Introduction to ω -stable Groups			
		3.5.1 A Group Acting on a Strongly Minimal Set 114			
		3.5.2 \land -definable Groups and Actions			
4.	Fine Structure of Uncountably Categorical Theories 125				
	4.1	T^{eq}			
		4.1.1 Totally Transcendental Theories Revisited 131			
		4.1.2 D^{eq} for a Strongly Minimal D			
	4.2	The Pregeometries on Strongly Minimal Sets 138			
		4.2.1 Plane Curves			
	4.3	Global Geometrical Considerations 150			
		4.3.1 1-based Theories 159			
		4.3.2 1-based Groups 164			
	4.4	Automorphism Groups of Constructions 175			
	4.5	Defining a Group from a Pregeometry			
		4.5.1 Germs of Definable Functions 194			
		4.5.2 Getting a Group from an Algebraic Quadrangle $\ldots \ldots 204$			

5.	Stability				
	5.1	Stabili	$ity \ldots 213$		
		5.1.1	Ranks and Definability 213		
		5.1.2	Stability and the Number of Types 228		
		5.1.3	Morley Sequences and Indiscernibles		
		5.1.4	The Fundamental Order		
	5.2	The S	tability Spectrum and $\kappa(T) \dots 238$		
	5.3		Groups and Modules		
		5.3.1	1-based Groups and Modules		
		5.3.2	Modules		
	5.4	Satura	ated Models		
		5.4.1	<i>a</i> -models		
	5.5	Prime	Models		
		5.5.1	Prime Models in a t.t. Theory		
		5.5.2	a-prime Models		
	5.6	Ortho	gonality, Domination and Weight		
		5.6.1	Orthogonality		
		5.6.2	Domination		
		5.6.3	Weight		
		5.6.4	Finite Weight		
6.	Superstable Theories				
•••	6.1		Ranks		
	6.2		etrical Matters: A Dichotomy Theorem		
	6.3		ar Types		
	0.0	6.3.1	Rank Considerations		
	6.4		gly Regular Types		
7.	Selected Topics				
	7.1		led and Unbounded Theories		
		7.1.1	Bounded ω -stable Theories		
		7.1.2	Unbounded Theories		
	7.2	More	on Ranks		