## Table of Contents

Pretace	XI
Chapter I - The Task of a Theory of Plausible Reasoning	1
Cognitive Dissonance.     The Problem of Imperfectly Veracious Reports	1 2 4
Chapter II – Plausibility Indexing	6
<ol> <li>Sources and Their Reliability</li></ol>	6 8 10 14 15 17
Chapter III – Some Sample Bases of Plausibility	21
<ol> <li>The Basic Model: Plausibility-Status from Source-Reliability</li> <li>Plausibility Status from a Multigrade Family of 'Axiomatic' Contentions</li> <li>Plausibility Status from a Hierarchy of Modal Categories</li> <li>Plausibility Status from Warranting Principles</li> </ol>	21 23 23 25
Chapter IV - Plausibility and Probability	28
<ol> <li>Underlying Differences in Meaning Between Plausibility and Probability</li> <li>Resultant Functional Differences</li> <li>The Systematic Orientation of Plausibility</li> <li>A Crucial Point of Difference: The Case of Inconsistency</li> <li>Common Origins</li> </ol>	28 31 33 35 36
Chapter V - Plausibility Indexing in the Inconsistent Case	40
Whence Inconsistency?	40 40

3. 4. 5.	The Special Source X\$ p-Set Augmentation by 'Rounding Off' The Potential Need for Revisions in the Inconsistent Case Complications in Adding Consequences to Inconsistent p-Sets: The Neutralization Rule	42 44 45
Ch	napter VI - Plausibility Screening in the Inconsistent Case.	49
1. 2. 3. 4. 5. 6.	Plausibility Analysis	49 50 53 53 56 59
Ch	napter VII – The Plausibility of Arguments	60
1. 2. 3.	Enthymematic Plausibility	60 62 65
	hapter VIII – Applications of Plausibility Theory: Information Processing with Inconsistent Data	71
1. 2. 3.	Preliminaries	71 72 76
	hapter IX – Applications of Plausibility Theory: Hypothetical	90
1. 2. 3.	The Problem of Counterfactual Conditionals	80 80 80 83 86 90 92
	napter X – Applications of Plausibility Theory: Inductive Infence and Scientific Reasoning	97
1. 2. 3. 4. 5.	Background: The Information-Processing View of Inference The Plausibilistic Treatment of Induction	97 98 101 102 104 108 109
	Others	110

Ch	napter XI – Plausibility Assessment				111
1.	The Plausibility of Data				 111
	Reappraising the Criteria of Plausibility-Assessment				
	Plausibility Dynamics				
4.	Plausibility in Science				 116
	The Self-Correction of Plausibilistic Principles				
Bi	bliography				120
a.	Plausible Reasoning in General				 120
	Plausible Reasoning in Science				
	Plausible Reasoning in Mathematics				
	The 'Logic' of Plausible Reasoning				
N	ame Index				123