## Contents

List of Contributor Preface	vii ix
Contents of Volumes 1–31	xi
<ol> <li>Magnetic phenomena in equiatomic ternary ra earth compounds</li> </ol>	are 1
Sachin Gupta	
1 Introduction 2 Structural and magnetic properties	2 3
2.1 RScX compounds	3
2.2 RTiX compounds	41
2.3 RMnX compounds	44
2.4 RFeX compounds	50
2.5 RCoX compounds	51
2.6 RNiX compounds	54
2.7 RCuX compounds	59
2.8 RRuX compounds	63
2.9 RRhX compounds	65
2.10 RPdX compounds	71
2.11 RAgX compounds	77
3 Conclusion and outlook	82
Acknowledgement	83
References	83
Author index	105
Subject index	109
Material index	111

v