

Contents

1 Introduction	1
<i>Z. Arad, M. Muzychuk</i>	
1.1 Main Definitions	1
1.2 Basic examples	4
1.3 Basic properties	6
1.4 Basic constructions	7
2 SITA with a Faithful Nonreal Element of Degree 4	13
<i>Z. Arad, M. Muzychuk, H. Arisha, E. Fisman</i>	
2.1 Known examples	14
2.2 Proof of the main results	19
3 SITA with a Faithful Nonreal Element of Degree 5	43
<i>Z. Arad, F. B�nger, E. Fisman, M. Muzychuk</i>	
3.1 Introduction	43
3.2 General facts and known results	44
3.3 Degree 5	61
3.4 Case 3	62
3.5 Case 5	66
4 SITA with a Faithful Real Element of Degree 5 and Width 3	83
<i>F. B�nger</i>	
4.1 Introduction	83
4.2 Case 1	83
4.3 Case 2	87
5 The Enumeration of Primitive Commutative Association Schemes	105
<i>Mitsugu Hirasaka</i>	
5.1 Introduction	105
5.2 The case of valency 1 or 2	109
5.3 The case of valency 3	110
5.4 The case of valency 4	117
References	121
Index	125

Standard Integral Table Algebras Generated by a
Non-real Element of Small Degree

Arad, Z.; Muzychuk, M. (Eds.)

2002, IX, 126 p., Softcover

ISBN: 978-3-540-42851-0