

Contents

1	The Behavior of the Difference Between Two Means	1
	Shoshana Abramovich	
2	Isometric Approximation in Bounded Sets and Its Applications	17
	Pekka Alestalo	
3	On the Indicator Plurality Function	25
	Anna Bahyrycz	
4	The Translation Equation in the Ring of Formal Power Series Over \mathbb{C} and Formal Functional Equations	41
	Harald Fripertinger and Ludwig Reich	
5	Fischer–Muszély Additivity: A Half Century Story	71
	Roman Ger	
6	Alien Functional Equations: A Selective Survey of Results	107
	Roman Ger and Maciej Sablik	
7	Remarks on Analogies Between Haar Meager Sets and Haar Null Sets	149
	Eliza Jabłońska	
8	On Some Inequalities Inspired by the Stability of Dynamical System	161
	Zenon Moszner	
9	Homomorphisms from Functional Equations in Probability	171
	Adam J. Ostaszewski	
10	Recent Developments in the Translation Equation and Its Stability	215
	Barbara Przebieracz	

11 On Some Recent Applications of Stochastic Convex Ordering Theorems to Some Functional Inequalities for Convex Functions: A Survey	231
Teresa Rajba	
12 On the Construction of the Field of Reals by Means of Functional Equations and Their Stability and Related Topics	275
Jens Schwaiger	
13 Generalized Dhombres Functional Equation	297
Jaroslav Smítal and Marta Štefánková	
14 Functional Equations and Stability Problems on Hypergroups	305
László Székelyhidi	
15 Stability of Systems of General Functional Equations in the Compact-Open Topology	333
Pavol Zlatoš	



<http://www.springer.com/978-3-319-61731-2>

Developments in Functional Equations and Related
Topics

Brzdek, J.; Ciepliński, K.; Rassias, M.T. (Eds.)

2017, XII, 352 p. 2 illus., Hardcover

ISBN: 978-3-319-61731-2