

1. Record Nr.	UNINA9910800117103321
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Titolo	Cryptocoding Based on Quasigroups / / by Daniela Mechkaroska, Aleksandra Popovska-Mitrovikj, Verica Bakeva
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-50125-X
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (100 pages)
Collana	SpringerBriefs in Information Security and Cryptography, , 2731-9563
Disciplina	003.54
Soggetti	Data protection Coding theory Information theory Computer networks Cryptography Data encryption (Computer science) Set theory Algebra Data and Information Security Coding and Information Theory Computer Communication Networks Cryptology Set Theory Order, Lattices, Ordered Algebraic Structures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Quasigroups and quasigroups string transformation -- Cryptocodes based on quasigroup -- Experimental results for cryptcodes based on quasigroups for transmission through a binary-symmetric channel -- Experimental results for cryptcodes based on quasigroups for transmission through a Gaussian channel -- Fast algorithms for cryptcodes based on quasigroups -- Cryptcodes based on quasigroups for burst channels.
Sommario/riassunto	This book presents the concept of cryptocoding which arises from the need to obtain secure and accurate transmission. Therefore, it is

necessary to improve constantly existing and develop new algorithms that will ensure accurate and secure data transfer. This leads to the intensive development of coding theory and cryptography as scientific fields which solve these problems. To ensure efficient and secure data transmission at the same time, the concept of cryptocoding is developed such that the coding and encryption processes are merged into one process. Cryptocodes provide correction of a certain number of errors in the transmitted message and data confidentiality, using only one algorithm. The main research in this field is to define new algorithms for coding that detects and corrects errors, random codes, stream ciphers, block ciphers, pseudo-random generators, hash functions, etc. This monograph examines an application of quasigroups for designing error-correcting cryptocodes, called Random Codes Based on Quasigroups (RCBQ ). These codes are a combination of cryptographic algorithms and error-correcting codes and depend on several parameters. Some modifications (new coding/decoding algorithms) of RCBQ for improving their performances for transmission ordinary messages, images, and audio files through a binary-symmetric channel, Gaussian channel, and burst channels are considered. Also, authors propose and analyze filter for visually enhance of the decoded images and improving the quality of decoded audio files.

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2. Record Nr.	UNINA9910337958103321
Titolo	The Bright Side of Shame : Transforming and Growing Through Practical Applications in Cultural Contexts / / edited by Claude-Hélène Mayer, Elisabeth Vanderheiden
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-13409-1
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (619 pages)
Disciplina	150.1988 152.44
Soggetti	Positive psychology Culture - Study and teaching Clinical health psychology Ethnopsychology Positive Psychology Cultural Studies Health Psychology Cross-Cultural Psychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction: Transforming Shame (Claude-Hélène Mayer) -- Part I: Transforming Shame in Cultural Perspectives -- Chapter 1. Cultivating lajjA for Self-Realization: Perspectives from Indian Psychology (Dharma Prakash Sharma Bhawuk) -- Chapter 2. Shame Transformation Using an Islamic Psycho-Spiritual Approach for Malay Muslims Recovering from Substance Dependence (Dini Farhana Baharudin) -- Chapter 3. The Effect of Regulation on Shame in Adolescence in China (Liusheng Wang) -- Chapter 4. Ashamed of My Ancestors: Transforming Trans-Generational Shame in Descendants of Perpetrators (Tanja Meyburgh) -- Chapter 5. Transforming Shame in Context: Shame, HIV/AIDS in South Africa - From a 'Death Sentence' to Hope (B. Nkosi) -- Part II: Transforming Shame in Organisational and Professional Contexts -- Chapter 6. Managing Shame in Organisations: Don't Let Shame Become

a Self-Destructive Spiral (Rudolf Oousthuizen) -- Chapter 7. Shame! Whose shame is it? - Addressing Shame Within Systems (Louise Tonelli) -- Chapter 8. Motivational Interviewing Techniques in Coaching when Faced with Clearly Identified Shame Issues (Len Andrieux) -- Chapter 9. The New Story for a Historically Black University: Lecturers Through a Stay-Away Action Disowning Shame! (Michelle S. May) -- Chapter 10. Shame and Anxiety with Foreign Language Learners (Paul A. Wilson) -- Chapter 11. Shame at the Bottom of the Pyramid: A Transformative Consumer Research Perspective (Leona Ungerer) -- Chapter 12. Managing Shame in the Context of Unemployment (N.N) -- Chapter 13. Review Dialogues and Shame in Doctor-Patient Interaction (Ottomar Bahrs) -- Chapter 14. Dealing with Shame in a Medical Context (Iris Veit) -- Chapter 15 The Team Ombuds Model (tOm): A Macro-Didactic Concept to Transforming Shame in Multicultural Educational Contexts (Christina Martin Boness) -- Part III: Shame and its Transformation in the Context of Gender -- Chapter 16. Reconstructing Gender to Transcend Shame: Embracing Human Functionality to Enable Agentic and Desexualised Bodies (Sergio A. Silverio) -- Chapter 17. Interventions for Shame and Guilt Experienced by Battered Women (Kathryn A. Nel) -- Chapter 18. Windows to Shame: A Passionate Interest in Otherness (Alan Jenkins) -- Part IV: Transforming Shame in Transdisciplinary, Psychological and Therapeutical Perspectives -- Chapter 19. Shame and C.G. Jung's Symbol Work (N.N.) -- Chapter 20. Ego-State Therapy: Working with Shame (Karin Huyssen) -- Chapter 21. A Cognitive Behavioral Approach Towards Bullying Remediation (Rebecca Merkin) -- Chapter 22. Art Therapy for Transforming Experiences of Shame (Patricia Sheerwood) -- Chapter 23. Dealing with Shame using Appreciative Inquiry (Kathryn A. Nel) -- Chapter 24. Interpreting Instances of Shame from an Evolutionary Perspective: The Pain Analogy (Jeff Elison) -- Chapter 25. Shame-Death and Resurrection - The Phoenix-Dance to Our Authentic Self (Barbara Buch) -- Chapter 26. Interventions to Transform Shame (Paul Gilbert) -- Chapter 27. A Sociocultural Exploration of Shame and Trauma Among Refugees (Gail Womersley) -- Chapter 28. Transforming shame: Strategies in spirituality and Prayer (Thomas Ryan) -- Chapter 29. Discussion of HeartMath Techniques for the Transformation of Shame Experiences (Steve D. Edwards) -- Chapter 30. Nothing I Accept about Myself can be Used Against Me to Diminish Me" - Shame and Mindfulness (Elisabeth Vanderheiden) -- Chapter 31. Healing Rituals to Transform Shame (Claude-Hélène Mayer) -- Chapter 32. Working with Dreams - Transforming Shame (Claude-Hélène Mayer) -- Chapter 33. Shame and Returnee Students and Intercultural Communication Training or Repatriation Training in Japan (Kiyoko Sueda) -- Chapter 34. Transforming Shame in Mediation (Liv Larsson) -- Chapter 35. Shame and Forgiving in Therapy and Coaching (Anke Handrock) -- Part V: Conclusions and prospectus -- Chapter 36. Conclusions, Best Practices and the Way Forward (Claude-Hélène Mayer).

#### Sommario/riassunto

This book provides new ideas on how to work with and constructively transform shame on a theoretical and practical level, and in various socio-cultural contexts and professions. It provides practical guidelines on dealing with shame on the basis of reflection, counselling models, exercises, simulations, specific psychotherapeutic approaches, and auto-didactical learning material, so as to transform shame from a negatively experienced emotion into a mental health resource. The book challenges theorists to adopt an interdisciplinary stance and to think "outside the box." Further, it provides practitioners, such as coaches, counsellors, therapists, trainers and medical personnel, with practical tools for transforming negative experiences and emotions. In

brief, the book shows practitioners how to unlock the growth potential of individuals, teams, and organisations, allowing them to develop constructively and positively.

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