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Sommario/riassunto

For the first time the problems of voice services self-similarity are discussed systematically and in detail with specific examples and illustrations. 'Self-Similar Processes in Telecommunications' considers the self-similar (fractal and multifractal) models of telecommunication traffic and efficiency based on the assumption that its traffic has fractal or multifractal properties (is self-similar). The theoretical aspects of the most well-known traffic models demonstrating self-similar properties are discussed in detail and the comparative analysis of the different models' efficiency for self-similar traffic is presented. This book demonstrates how to use self-similar processes for designing new telecommunications systems and optimizing existing networks so as to achieve maximum efficiency and serviceability. The approach is rooted in theory, describing the algorithms (the logical arithmetical or computational procedures that define how a task is performed) for modeling these self-similar processes. However, the language and

ideas are essentially accessible for those who have a general knowledge of the subject area and the advice is highly practical: all models, problems and solutions are illustrated throughout using numerous real-world examples. Adopts a detailed, theoretical, yet broad-based and practical mathematical approach for designing and operating numerous types of telecommunications systems and networks so as to achieve maximum efficiency . Places the subject in context, describing the current algorithms that make up the fractal or self-similar processes while pointing to the future development of the technology . Offers a comparative analysis of the different types of self-similar process usage within the context of local area networks, wide area networks and in the modeling of video traffic and mobile communications networks . Describes how mathematical models are used as a basis for building numerous types of network, including voice, audio, data, video, multimedia services and IP (Internet Protocol) telephony The book will appeal to the wide range of specialists dealing with the design and exploitation of telecommunication systems. It will be useful for the post-graduate students, lecturers and researchers connected with communication networks disciplines.

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Titolo	Erwachsenenbildung und Nachhaltigkeit : Sondierungen und Forschung zwischen Anspruch und Wirklichkeit // Malte Ebner von Eschenbach, Bernd K�pplinger, Maria Kondratjuk, Katrin Kraus, Matthias Rohs, Bernhard Schmidt-Hertha, Karin Rott, Veronika Thalhammer, Josef Schrader, Maria Stimm, Claudia Kulmus, Matthias Rohs, Lukas Eble, Mandy Schulze, Maria Kondratjuk, Julia Elven, Henning P�tzold, Sophie Lacher, Matthias Rohs, Jana Costa, Luca Fliegener, Matthias Rohs, Aiga von Hippel, Marion Fleige, Jana Wienberg, Klaus Buddeberg, Carola Iller, Mandy Singer-Brodowski
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Collana	Schriftenreihe der Sektion Erwachsenenbildung der Deutschen Gesellschaft f�r Erziehungswissenschaft (DGfE)
Soggetti	sustainability Weiterbildung adult education Berufsbildung Bildung f�r nachhaltige Entwicklung further education BNE Education for Sustainable Development Nachhaltigkeitsziele Sustainable Development Goals SDG SDGs adult education research Erwachsenenbildungsforschung Lebenslanges Lernen lifelong learning Umweltbildung globales Lernen Ressourcen
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa

Editorial. Erwachsenenbildung und Nachhaltigkeit. Sondierungen und Forschung zwischen Anspruch und Wirklichkeit (Katrin Kraus, Veronika Thalhammer und Karin Julia Rott) I. Nachhaltigkeit im Feld der Erwachsenenbildung Beiträge der Erwachsenenbildung zu Nachhaltigkeit und Bildung für nachhaltige Entwicklung (Mandy Singer-Brodowski) Nachhaltigkeit von Forschung und Transfer in der Erwachsenenbildung – Befunde, Beobachtungen und Erfahrungen (Josef Schrader) Adressierungen in Bildungsangeboten der Erwachsenenbildung – Spannungsfelder im Diskurs um ‚Nachhaltigkeit‘ (Maria Stimm) Altern und Nachhaltigkeit – Versuch einer Verhältnisbestimmung (Claudia Kulmus) Strategische Vorausschau in der Weiterbildung als Beitrag zur Nachhaltigkeit (Andreas Weißner und Matthias Rohs) Nicht-Nachhaltigkeit als Ausgangspunkt für eine solidarische Erwachsenenbildung (Lukas Eble) II. Nachhaltigkeit in Lernkontexten Erwachsener Nachhaltigkeit lehren für die Erwachsenenbildung. Perspektiven auf BNE-Lehrprojekte im Modus Forschenden Lernens (Mandy Schulze und Maria Kondratjuk) Zwischen defensiver und expansiver Aneignung organisierter Nachhaltigkeitspraktiken: Lernen im Kontext universitärer Green Offices (Julia Elven und Henning Pätzold) Erwachsenenbildung als Beitrag zu einer Katastrophenvorsorge: Eine empirische Untersuchung zu Informations- und Lernangeboten für den Hochwasserschutz (Sophie Lacher und Matthias Rohs) Informelles Lernen und Nachhaltigkeit. Empirische Perspektiven auf nachhaltigkeitsbezogene Lernthemen von Erwachsenen (Claudia Kühn und Jana Costa) Möglichkeiten und Widersprüche der Wertebildung im Themenkomplex der Nachhaltigkeit (Luca Fliegenger, Fabian Ilmer und Matthias Rohs) III. Nachhaltigkeit in betrieblichen Kontexten ‚Nachhaltigkeit‘ in Angeboten öffentlich verantworteter beruf-licher Weiterbildung – empirische Einsichten am Beispiel von Volkshochschulprogrammen (Aiga von Hippel und Marion Fleige) Nachhaltigkeitsorientierte Berufsbildung: Handlungskompetenzen des betrieblichen Bildungspersonals und der Interessensvertretung partizipativ entwickeln – erste empirische Ergebnisse (Jana Wienberg) Nachhaltigkeitsstrategieumsetzung in der betrieblichen Bildung – Entwicklung eines Analyserahmens für die kaufmännische Aus- und Weiterbildungspraxis (Julia Hufnagl und Silvia Annen) IV. Nachhaltigkeit und Weiterbildungsteilnahme Weiterbildungsbeteiligung nachhaltig ungleich? Empirische Analysen für Deutschland zu einem Mantra (Bernd Käßlinger, Eva Maria Koubek, Martin Reuter und Frauke Bilger) Ausreichend versorgt? Weiterbildung in Dörfern und kleinen Städten (Kristin Skowranek, Klaus Buddeberg und Carola Iller) Habitus und nachhaltiges Lernen – Pädagogische Passungsverhältnisse in der Alphabetisierung (Felix Ludwig) V. Posterbeiträge, Posterpreis und Dokumentationsmaterial Posterbeiträge auf der Jahrestagung der Sektion Erwachsenenbildung (DGfE) 2023 Posterpreis der Sektion Erwachsenenbildung in der Deutschen Gesellschaft für Erziehungswissenschaft 2023 Programm zur Jahrestagung 2023 der Sektion Erwachsenenbildung (DGfE) „Erwachsenenbildung und Nachhaltigkeit“ Autor*innen und Herausgeber*innen Reviewer*innen der Beiträge für den Dokumentationsband der Jahrestagung der Sektion Erwachsenenbildung (DGfE) 2023

Der Zusammenhang von Umwelt, Wirtschaft und Gesellschaft macht aufgrund begrenzter Ressourcen eine nachhaltige Entwicklung in allen

gesellschaftlichen und wirtschaftlichen Bereichen notwendig. Die Autor*innen beschäftigen sich mit dem hohen Stellenwert, den Erwachsenenbildung beim Vollzug einer umfassenden sozialen, ökologischen und ökonomischen Transformation hat. Dabei interessieren vor allem langfristige Effekte gegenwertigen Handelns sowie ein effizienter Umgang mit Ressourcen in der Erwachsenenbildung. The connection between ecological environment, economy, and society necessitates sustainable development in all areas due to limited resources. Adult education holds a high significance in implementing a social, ecological, and economic transformation. Contributions addressing long-term effects of current actions and efficient resource management are also considered in adult education.
