

1. Record Nr.	UNINA9910779410503321
Titolo	Animal communication theory : information and influence / / edited by Ulrich E. Stegmann, University of Aberdeen, UK [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2013
ISBN	1-107-35739-X 1-107-23487-5 1-107-34152-3 1-107-34888-9 1-139-00355-0 1-107-34777-7 1-107-34527-8 1-299-40333-6 1-107-34402-6
Descrizione fisica	1 online resource (xviii, 452 pages) : digital, PDF file(s)
Disciplina	591.59
Soggetti	Animal communication
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction : A primer on information and influence in animal communication / Ulrich E. Stegmann -- Influence and information in communication networks / Andrew G. Horn and Peter K. McGregor -- Animal communication as information-mediated influence / Andrea Scarantino -- Communication as information use : insights from statistical decision theory / Caitlin R. Kight, John M. McNamara, David W. Stephens and Sasha R.X. Dall -- Communication as a transfer of information : measurement, mechanism, and meaning / R. Haven Wiley -- Natural information, intentional signs and animal communication / Ruth G. Millikan -- Communication without meaning or information : abandoning language-based and informational constructs in animal communication / Drew Rendall and Michael J. Owren -- Information in animal communication : when and why does it matter? / Sahotra Sarkar -- Mitogenetic rays and the information metaphor : transmitted information has had its day / Eugene S. Morton and Richard G. Coss --

The importance of integrative biology to sexual selection and communication / Michael J. Ryan -- Animal signals : always influence, sometimes information / Claire Horisk and Reginald B. Cocroft -- Learned signals and consistency of delivery : a case against receiver manipulation in animal communication / Carlos A. Botero and Selvino R. de Kort -- Information, inference and meaning in primate vocal behaviour / Julia Fischer -- Information and uncertainty in meerkats and monkeys / Colin Allen -- The neural representation of vocalisation perception / Kate L. Christison-Lagay and Yale E. Cohen -- The value of information in signals and cues / Michael Lachmann -- Information and influence in sender-receiver models, with applications to animal behaviour / Peter Godfrey-Smith -- Information, meaning and animal communication / Fred Adams and Steve Beighley -- Information, influence and inference in language evolution / Thomas C. Scott-Phillips and Simon Kirby.

Sommario/riassunto

The explanation of animal communication by means of concepts like information, meaning and reference is one of the central foundational issues in animal behaviour studies. This book explores these issues, revolving around questions such as: • What is the nature of information? • What theoretical roles does information play in animal communication studies? • Is it justified to employ these concepts in order to explain animal communication? • What is the relation between animal signals and human language? The book approaches the topic from a variety of disciplinary perspectives, including ethology, animal cognition, theoretical biology and evolutionary biology, as well as philosophy of biology and mind. A comprehensive introduction familiarises non-specialists with the field and leads on to chapters ranging from philosophical and theoretical analyses to case studies involving primates, birds and insects. The resulting survey of new and established concepts and methodologies will guide future empirical and theoretical research.

2. Record Nr.	UNINA9910890188803321
Titolo	Development of Sustainable Thermal Insulators from Waste Materials : A Circular Economy Approach / / edited by Sarika Verma, Mohd. Akram Khan, A. K. Srivastava
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9754-44-5
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (201 pages)
Collana	Materials Horizons: From Nature to Nanomaterials, , 2524-5392
Disciplina	693.832
Soggetti	Materials Sustainability Refuse and refuse disposal Materials for Devices Waste Management/Waste Technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Potentiality of the Wastes as Thermal Insulating Materials for Globular Economy and Sustainability -- The significance of technology and Industry 4.0 in transforming waste into wealth, especially Thermal Insulating Materials -- Mechanical, Thermal, and Durability Properties of Demolition Waste Concrete-Epicenter to Thermal insulating material -- Building a Sustainable Future with Geopolymer Thermal Insulation: Availability and Opportunities -- Textile Waste As a Resource, its Availability, and the recent technology for its transformation to wealth in the form of Thermal Insulation Material -- Plastic Waste as a Resource, its Availability, and the Conversion Technologies for its Transformation to Wealth in the Form of Thermal Insulating Materials -- Polymeric and other composites as a resource, its availability and the conversion technologies for its transformation to wealth in thermal insulating materials -- Development of High Thermal Conductive Insulation System -- Waste feathers as a resource, its availability and the recent technology in the production of new thermal insulation materials -- Valorization Of Engineered Bamboo Based Thermal Insulating Building Materials: A Journey from Nature To Nature

Protection-A Case Study -- Environmental, Ethical, and Global Guidelines for Thermal Insulating Materials.

Sommario/riassunto

This book focuses on the major global waste management issues and development of thermal insulating materials by utilizing these wastes. It helps address various global issues like sustainable environment, waste to wealth, waste to resource material, advanced multifunctional material, skill development and employment generation. The book highlights the potentiality and the applicability of various wastes, such as municipal solid waste, agricultural waste, industrial waste, construction waste, textile waste, waste polystyrene, geopolymers, leather rubber waste, other miscellaneous waste to be considered as a resource and its availability and conversion technologies from waste to wealth as thermal insulating materials. It also discusses recent trends, for processing the waste to wealth as a thermally insulating material. This book is a useful guide to researchers and professionals working in the areas of energy storage, sustainable civil engineering, material science and others allied fields.