

The Emotional Culture

Cognitive (thinking) Culture

- Shared **intellectual** values, norms, artifacts and assumptions
- How employees think and behave at work: **analysis, logic, process, facts**
- Conveyed **verbally**
- Transmitted through **thinking**



Emotional (feeling) Culture

- Shared **affective** values, norms, artifacts and assumptions
- How employees feel and behave at work: **creative, innovative, collaborative**
- Conveyed **nonverbally**
- Transmitted through **feeling**

➤ Gagen MacDonald

Emotions In Humans And Artifacts

**Lisa Feldman Barrett, Michael
Lewis, Jeannette M. Haviland-Jones**



Emotions In Humans And Artifacts:

Emotions in Humans and Artifacts Robert Trappl, Paolo Petta, Sabine Payr, 2002 Emotions from brain research to computer game development Robert Trappl A theory of emotion its functions and its adaptive value Edmund T Rolls How many separately evolved emotional beasts live within us Aaron Sloman Designing emotions for activity selection in autonomous agents Lola D Ca amero Emotions meaningful mappings between the individual and its world Kirstie L Bellman On making believable emotional agents believable Andrew Ortony What does it mean for a computer to have emotions Rosalind W Picard The role of elegance in emotion and personality reasoning for believable agents Clark Elliott The role of emotions in a tractable architecture for situated cognizers Paolo Petta The Wolfgang system a role of emotions to bias learning and problem solving when learning to compose music Douglas Riecken A Bayesian heart computer recognition and simulation of emotion Eugene Ball Creating emotional rel

Social Emotions in Nature and Artifact Jonathan Gratch, Stacy Marsella, 2014 Recent years have seen the rise of a remarkable partnership between the social and computational sciences on the phenomena of emotions This book reports on the state of the art in both social science theory and computational methods and illustrates how these two fields together can both facilitate practical computer robotic applications and illuminate human social processes

Handbook of Research on Synthesizing Human Emotion in Intelligent Systems and Robotics Vallverdú, Jordi, 2014-11-30 Emotions convey significant information through means of natural language analysis embodiment and emotional signing Machines equipped with the ability to experience and interpret emotions perform better in complex environments and share in the emotionally rich social context The Handbook of Research on Synthesizing Human Emotion in Intelligent Systems and Robotics presents a solid framework for taking human robot interaction closer to its full potential Presenting a close look at all the factors involved in modeling emotions and applying a thorough understanding of human emotional recognition to technology this volume appeals to active researchers in the fields of artificial emotions artificial intelligence computing robotics philosophy and psychology as well as to students interested in the research of synthetic emotions

Emotions Marion Ledwig, 2006 Original Scholarly Monograph *Human-Robot Interaction* Christoph Bartneck, Tony Belpaeme, Friederike Eyssel, Takayuki Kanda, Merel Keijsers, Selma Šabanović, 2020-05-07 This broad overview for graduate students introduces multidisciplinary topics from robotics to sociology which are needed to understand the area

Human Machine Interaction Denis Lalanne, Juerg Kohlas, 2009-03-27 Human Machine Interaction or more commonly Human Computer Interaction is the study of interaction between people and computers It is an interdisciplinary field connecting computer science with many other disciplines such as psychology sociology and the arts The present volume documents the results of the MMI research program on Human Machine Interaction involving 8 projects selected from a total of 80 proposals funded by the Hasler Foundation between 2005 and 2008 These projects were also partially funded by the associated universities and other third parties such as the Swiss

National Science Foundation This state of the art survey begins with three chapters giving overviews of the domains of multimodal user interfaces interactive visualization and mixed reality These are followed by eight chapters presenting the results of the projects grouped according to the three aforementioned themes

Mediated Interpersonal Communication Elly A. Konijn, Sonja Utz, Martin Tanis, Susan B. Barnes, 2008-06 Pt 1 Bridging the disciplines pt 2 Technology as relationship enabler pt 3 The appeal of communicating through technology

Virtual Storytelling. Using Virtual Reality Technologies for Storytelling Marc Cavazza, Stéphane Donikian, 2007-11-25 This book constitutes the refereed proceedings of the 4th International Conference on Virtual Storytelling ICVS 2007 held in Saint Malo France in December 2007 The 12 revised full papers three invited papers and seven poster and demo papers were carefully reviewed and selected The papers are organized in topical sections on authoring tools and story models behavior modeling user interactivity an invited session related EU projects as well as the poster and demo session

Text, Speech and Dialogue Petr Sojka, Ivan Kopeček, Karel Pala, 2006-09-08 Here are the refereed proceedings of the 9th International Conference on Text Speech and Dialogue TSD 2006 The book presents 87 revised full papers together with 2 invited papers reviewing state of the art research in the field of natural language processing Coverage ranges from theoretical and methodological issues to applications with special focus on corpora texts and transcription speech analysis recognition and synthesis as well as their intertwining within NL dialogue systems

Conversational Agents and Natural Language Interaction: Techniques and Effective Practices Perez-Marin, Diana, Pascual-Nieto, Ismael, 2011-06-30 This book is a reference guide for researchers entering the promising field of conversational agents providing an introduction to fundamental concepts in the field collecting experiences of researchers working on conversational agents and reviewing techniques for the design and application of conversational agents

Intelligent Virtual Agents Helmut Prendinger, James Lester, Mitsuru Ishizuka, 2008-08-12 This book constitutes the refereed proceedings of the 8th International Workshop on Intelligent Virtual Agents IVA 2008 held in Tokyo Japan in September 2008 The 18 revised full papers and 28 revised short papers presented together 42 poster papers were carefully reviewed and selected from 99 submissions The papers are organized in topical sections on motion and empathy narrative and augmented reality conversation and negotiation nonverbal behavior models of culture and personality markup and representation languages architectures for robotic agents cognitive architectures agents for healthcare and training and agents in games museums and virtual worlds

Animating Expressive Characters for Social Interaction Lola Cañamero, Ruth Aylett, 2008-11-27 Animated interactive characters and robots that are able to function in human social environments are being developed by a large number of research groups worldwide Emotional expression as a key element of human social interaction and communication is often added in an attempt to make them appear more natural to us How can such artefacts be given emotional displays that are believable and acceptable to humans This is the central question of Animating Expressive Characters for Social Interaction The ability to express and recognize emotions is a fundamental

aspect of social interaction Not only is it a central research question it has been explored in animated films dance and other expressive arts for a much longer period This book is unique in presenting a multi disciplinary approach to animation in its broadest sense from internal mechanisms to external displays not only from a graphical perspective but more generally examining how to give characters an anima so that they appear as life like entities and social partners to humans Series B

Closing Human Evolution: Life in the Ultimate Age Ladislav Kováč,2015-08-05 This volume analyses the evolution of humankind by combining approaches from science and the arts It offers a novel perspective on the evolution of life on Earth based on a recent reformulation of the second law of thermodynamics in terms of the maximum entropy production principle In essence the Earth is but one of many white holes in the universe where life functions as a specific arrangement for the rapid dissipation of energy gradients by generating self organized structures Evolution of life in the universe is a creative process of increasing complexity as a Bayesian ratchet of knowledge accumulation advancing in an evolutionary maze characterized by myriad blind alleys On Earth the human species has progressed more than any other by creating artefacts that have become both agents and products of in our cumulative cultural evolution Culture has dramatically enhanced the rate of dissipation of energy gradients Extrapolating from the acceleration of cultural evolution suggests that humanity will reach the Civilization Singularity in the middle of the 21st century a point in time at which the rate of changes and hence their unpredictability and uncontrollability will converge to infinity Humankind has now entered the ultimate age in which the exuberance and splendour of human feats may be metaphorically likened to fireworks The author highlights a new role of scientists as intellectuals who can create music for the fireworks by analysing the consequences of the astounding dynamics in order to make the closing phase of human evolution a sublime one marked by minimal political and social tensions

Emotion-Oriented Systems Paolo Petta,Catherine Pelachaud,Roddy Cowie,2011-02-04 Emotion pervades human life in general and human communication in particular and this sets information technology a challenge Traditionally IT has focused on allowing people to accomplish practical tasks efficiently setting emotion to one side That was acceptable when technology was a small part of life but as technology and life become increasingly interwoven we can no longer ask people to suspend their emotional nature and habits when they interact with technology The European Commission funded a series of related research projects on emotion and computing culminating in the HUMAINE project which brought together leading academic researchers from the many related disciplines This book grew out of that project and its chapters are arranged according to its working areas theories and models signals to signs data and databases emotion in interaction emotion in cognition and action persuasion and communication usability and ethics and good practice The fundamental aim of the book is to offer researchers an overview of the related areas sufficient for them to do credible work on affective or emotion oriented computing The book serves as an academically sound introduction to the range of disciplines involved technical empirical and conceptual and will be of value to researchers in the areas of artificial intelligence psychology cognition and user

machine interaction *Data Fusion and Perception* Giacomo Della Riccia,Hanz-Joachim Lenz,Rudolf Kruse,2014-05-04 This work is a collection of front end research papers on data fusion and perceptions Authors are leading European experts of Artificial Intelligence Mathematical Statistics and or Machine Learning Area overlaps with Intelligent Data Analysis which aims to unscramble latent structures in collected data Statistical Learning Model Selection Information Fusion Soccer Robots Fuzzy Quantifiers Emotions and Artifacts **Handbook of Emotions** Lisa Feldman Barrett,Michael Lewis,Jeannette M. Haviland-Jones,2018-03-20 Recognized as the definitive reference this handbook brings together leading experts from multiple psychological subdisciplines to examine one of today s most dynamic areas of research Coverage encompasses the biological and neuroscientific underpinnings of emotions as well as developmental social and personality cognitive and clinical perspectives The volume probes how people understand experience express and perceive affective phenomena and explores connections to behavior and health across the lifespan Concluding chapters present cutting edge work on a range of specific emotions Illustrations include 10 color plates New to This Edition Chapters on the mechanisms processes and influences that contribute to emotions such as genetics the brain neuroendocrine processes language the senses of taste and smell Chapters on emotion in adolescence and older age and in neurodegenerative dementias Chapters on facial expressions and emotional body language Chapters on stress health gratitude love and empathy Many new authors and topics extensively revised with the latest theoretical and methodological innovations A Choice Outstanding Academic Title **Gender Designs IT** Isabel Zorn,Susanne Maass,Els Rommes,Carola Schirmer,Heidi Schelhowe,2007-11-09 How can information technology IT paradigms and design processes be studied from a gender perspective What does IT design look like when its construction is informed by gender research Though gender research and computing science seem like two separate worlds this book proves how inspirational a confrontation and combination of those worlds can be A deconstructive analysis of advanced fields of computing shows the multiple ways in which software design is gendered and how gendering effects are produced by its use Concepts and assumptions underlying research and development along with design tools and IT products teaching methods and materials are studied The book not only offers a gender analysis of information society technologies it also shows practical examples of how IT can be different A gender perspective on IT design can serve as an eye opener for what tends to be overlooked and left out It yields innovative ideas and high quality software systems that may empower a large diversity of users for an active participation in our information society Emotions in Command Frank K. Salter,2017-09-08 This book is part of a quest for a general theory of organizations valid in all cultures Central to Frank Salter s investigation is the question of social power why people obey their superiors His approach is to locate the nature of organizational power in the behavioral details of hierarchical interactions in the institutional settings in which they occur Mind and Matter Asun López-Varela Azcárate,2022-04-06 Do brains create material reality in thinking processes or is it the other way around with things shaping the mind Where is the location of meaning making How do neural networks become established by means of

multimodal pattern replications and how are they involved in conceptualization How are resonance textures within cellular entities extended in the body and the mind by means of mirroring processes In which ways do they correlate to consciousness and self consciousness Is it possible to explain out of awareness unconscious processes What holds together the relationship between experiential reality bodily processes like memory reason or imagination and sign systems and simulation structures like metaphor and metonymy visible in human language This volume attempts to answer some of these questions

Emotional Engineering Shuichi Fukuda, 2010-11-26 In an age of increasing complexity diversification and change customers expect services that cater to their needs and to their tastes Emotional Engineering describes how their expectations can be satisfied and managed throughout the product life cycle if producers focus their attention more on emotion Emotion plays a crucial role in value recognition but it is also important for team work which extends beyond human human to human machine and human environment to enable people to cope with frequently and extensively changing situations Emotional Engineering proposes the development of services beyond product realization and the creation of value on a lifetime not just a one off basis As emotion is very much multidisciplinary chapters cover a wide range of topics that can be applied to product development including emotional design in the virtual environment shape design and modeling emotional robot competence and affective driving Emotional Engineering is intended to provide readers with a holistic view of its research and applications enabling them to make strategic decisions on how they can go further beyond product realization It is recommended for all pioneers in industry academia and government who are trying to work with their customers to create value

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