

1. Record Nr.	UNISA996466055003316
Titolo	Intelligent Perceptual Systems [[electronic resource]] : New Directions in Computational Perception / / edited by Vito Roberto
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1993
ISBN	3-540-48103-6
Edizione	[1st ed. 1993.]
Descrizione fisica	1 online resource (VIII, 378 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 745
Disciplina	006.3
Soggetti	Artificial intelligence Pattern recognition Software engineering Artificial Intelligence Pattern Recognition Software Engineering/Programming and Operating Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Gestalt problems in cognitive psychology: Field theory, invariance and auto-organisation -- Neural network learning in an ecological and evolutionary context -- Trends in pattern recognition -- Computer vision systems: Functionality and structure integration -- On the use of auditory models in speech technology -- Automatic speech recognition with neural networks: Beyond nonparametric models -- New shape from Shading methods -- Orientation-dependent effects in neural networks -- Identification of pattern dimensionality by self-organization -- A Markovian model for perceptual grouping of different shape primitives -- Segmented image reduction -- Design and acquisition of a task-oriented spontaneous-speech database -- Language and ambiguity -- Spatial Logic for image representation and retrieval-by-contents -- Communication among perceiving agents -- Perception of mental states from communication -- Perceptual grouping for scene interpretation in an active vision system -- Using viewer-centered representations in machine vision -- A non-linear integration process for the selection of visual information --

Distributed perceptive paradigms: Preliminary statements --
Anticipatory tracking of a moving object -- A time-to-crash detector
based on area expansions: Example of an opto-motor reflex --
"Intelligent" telepresence: Introducing virtual reality in advanced robots.

Sommario/riassunto

Perceptual processes in humans and machines, investigated and simulated by means of the computational approach, are the subject matter of this volume. Researchers in artificial intelligence, pattern recognition, and psychology discuss aspects of vision, speech understanding, sensory-motor coordination, and their interplay with cognitive and behavioral functionalities. The papers adopt the computational approach as the basic research paradigm. Connectionist models, numerical and statistical techniques, symbolic (logic-based) formalisms, and hybrid representations provide the formal background to the research. Some of the papers were prepared for a workshop held in Trieste, Italy, in October 1992.

2. Record Nr.

UNINA9910725006303321

Autore

BEAULIEU PIERRE

Titolo

Repenser la douleur / / PIERRE BEAULIEU

Pubbl/distr/stampa

Montreal : , : Presses de l'Universite de Montreal, , 2008

Descrizione fisica

1 online resource (216 pages)

Disciplina

616.0472

Soggetti

Pain - Treatment

Lingua di pubblicazione

Francese

Formato

Materiale a stampa

Livello bibliografico

Monografia

Nota di contenuto

Blanket -- Titre -- Copyright -- Contents -- Thanks -- Presentation of the colloquium -- FIRST THEME: Exchange and transfer of knowledge in chronic pain: from the cell to the patient -- The patient perspective -- The caregivers' point of view -- The manager's point of view -- The view of policy makers -- The perspective of clinical scientists -- The point of view of researchers in basic sciences -- Discussion -- SECOND THEME: Pain relief: patients' rights, caregivers' duties Pain and palliative care -- The silences of ethics -- Pain of the patients, weakness of the

law -- Discussion -- THIRD THEME: Psychological and philosophical aspects -- Pain, my jailer -- Pain, Consciousness and Emotions -- pain and philosophy -- Discussion -- FOURTH THEME: Pain and society -- Fibromyalgia: a complex disease -- Pain: a paradoxical visibility -- Pain and medicine: between the body, the self and society -- Discussion.

Sommario/riassunto

On estime qu'au Quebec et au Canada, un individu sur cinq souffre de douleur chronique. Or, la preuve n'est plus a faire : le modele de soins traditionnel, qui se concentre exclusivement sur la maladie, est ici particulierement mal adapte. Comme c'est le cas pour d'autres affections chroniques, l'approche la plus efficace se revele etre interdisciplinaire, soutenue, integree, centree sur le patient.

L'amelioration de la prise en charge passera par l'etablissement d'un nouveau dialogue entre chercheurs, cliniciens et patients, qui permettra de prendre en compte tous les enjeux de la douleur, en depassant le cadre proprement medical. Le temps est venu de « repenser la douleur ». C'est dans cette perspective que s'est tenu en septembre 2007, a Montreal, le premier Colloque francophone sur la douleur. Le present ouvrage est adapte des interventions d'experts issus de disciplines habituellement sollicitees, comme la medecine, les sciences infirmieres, la psychologie, la neurophysiologie ou la biologie, et d'autres specialites plus inattendues, comme la bio-ethique, le droit, la philosophie et la sociologie. Ces textes accessibles et eclairants et les quatre discussions thematiques qui les accompagnent font l'etat des lieux de la recherche sur la douleur chronique, saisi a l'occasion d'une rencontre marquante dans l'histoire d'un domaine en pleine evolution.

3. Record Nr.	UNINA9910583043203321
Autore	Ando Yoichi
Titolo	Signal processing in auditory neuroscience / / Yoichi Ando
Pubbl/distr/stampa	St. Louis Missouri : , : Elsevier, , [2019] ©2019
ISBN	0-12-815939-1 0-12-815938-3
Descrizione fisica	1 online resource (121 pages)
Disciplina	612.8
Soggetti	Neurosciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Human hearing system -- Analysis of sound signals -- Formulation and simulation of sound fields in an enclosure -- Magnetoencephalographic evoked responses to factors extracted from the autocorrelation function (ACF)/the inter-aural cross-correlation function (IACF) factors -- Neural evidences related to subjective preference -- Temporal and spatial primary percepts of sound and the sound field -- Subjective preference of the sound field -- Temporal and spatial features of speech signals.