

1.	Record Nr.	UNIBAS000015503
	Autore	Karoubi, Max
	Titolo	K-theory : an introduction / Max Karoubi
	Pubbl/distr/stampa	Berlin [etc.] : Springer, 1978
	ISBN	3-540-08090-2
	Descrizione fisica	XVIII, 308 p. : ill. ; 25 cm.
	Collana	Grundlehren der mathematischen Wissenschaften ; 226
	Disciplina	514.23
	Soggetti	Topologia
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910131532203321
	Autore	Nicholas Altieri
	Titolo	Audiovisual speech recognition [[electronic resource]] : correspondence between brain and behavior // topic editor Nicholas Altieri
	Pubbl/distr/stampa	Frontiers Media SA, 2014 Lausanne, Switzerland : , : Frontiers Media SA, , 2014 ©2014
	Descrizione fisica	1 online resource (101 pages) : illustrations, charts; digital, PDF file(s)
	Collana	Frontiers Research Topics
	Disciplina	153.6
	Soggetti	Cognitive science Psychology Social Sciences
	Lingua di pubblicazione	Inglese
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	Livello bibliografico	Monografia
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Nota di bibliografia

Includes bibliographical references.

Nota di contenuto

Audiovisual Integration: An Introduction to Behavioral and Neuro-Cognitive Methods / Nicholas Altieri -- Speech Through Ears and Eyes: Interfacing the Senses With the Supramodal Brain / Virginie van Wassenhove -- Neural Dynamics of Audiovisual Speech Integration Under Variable Listening Conditions: An Individual Participant Analysis / Nicholas Altieri and Michael J. Wenger -- Gated Audiovisual Speech Identification in Silence vs. Noise: Effects on Time and Accuracy / Shahram Moradi, Bjorn Lidestam and Jerker Rönnerberg -- Susceptibility to a Multisensory Speech Illusion in Older Persons is Driven by Perceptual Processes / Annalisa Setti, Kate E. Burke, Rose Anne Kenny and Fiona N. Newell -- How Can Audiovisual Pathways Enhance the Temporal Resolution of TimeCompressed Speech in Blind Subjects? / Ingo Hertrich, Susanne Dietrich and Hermann Ackermann -- Audio-Visual Onset Differences are used to Determine Syllable Identity for Ambiguous Audio-Visual Stimulus Pairs / Sanne ten Oever, Alexander T. Sack, Katherine L. Wheat, Nina Bien and Nienke van Atteveldt -- Brain Responses and Looking Behavior During Audiovisual Speech Integration in Infants Predict Auditory Speech Comprehension in the Second Year of Life / Elena V. Kushnerenko, Przemyslaw Tomalski, Haiko Ballieux, Anita Potton, Deidre Birtles, Caroline Frostick and Derek G. Moore -- Multisensory Integration, Learning, and the Predictive Coding Hypothesis / Nicholas Altieri -- The Interaction Between Stimulus Factors and Cognitive Factors During Multisensory Integration of Audiovisual Speech / Ryan A. Stevenson, Mark T. Wallace and Nicholas Altieri -- Caregiver Influence on Looking Behavior and Brain Responses in Prelinguistic Development / Heather L. Ramsdell-Hudock.

Sommario/riassunto

Perceptual processes mediating recognition, including the recognition of objects and spoken words, is inherently multisensory. This is true in spite of the fact that sensory inputs are segregated in early stages of neuro-sensory encoding. In face-to-face communication, for example, auditory information is processed in the cochlea, encoded in auditory sensory nerve, and processed in lower cortical areas. Eventually, these “sounds” are processed in higher cortical pathways such as the auditory cortex where it is perceived as speech. Likewise, visual information obtained from observing a talker’s articulators is encoded in lower visual pathways. Subsequently, this information undergoes processing in the visual cortex prior to the extraction of articulatory gestures in higher cortical areas associated with speech and language. As language perception unfolds, information garnered from visual articulators interacts with language processing in multiple brain regions. This occurs via visual projections to auditory, language, and multisensory brain regions. The association of auditory and visual speech signals makes the speech signal a highly “configural” percept. An important direction for the field is thus to provide ways to measure the extent to which visual speech information influences auditory processing, and likewise, assess how the unisensory components of the signal combine to form a configural/integrated percept. Numerous behavioral measures such as accuracy (e.g., percent correct, susceptibility to the “McGurk Effect”) and reaction time (RT) have been employed to assess multisensory integration ability in speech perception. On the other hand, neural based measures such as fMRI, EEG and MEG have been employed to examine the locus and or time-course of integration. The purpose of this Research Topic is to find converging behavioral and neural based assessments of audiovisual integration in speech perception. A further aim is to investigate speech recognition ability in normal hearing, hearing-impaired, and aging populations. As such, the purpose is to obtain neural measures from EEG as well as fMRI that

shed light on the neural bases of multisensory processes, while connecting them to model based measures of reaction time and accuracy in the behavioral domain. In doing so, we endeavor to gain a more thorough description of the neural bases and mechanisms underlying integration in higher order processes such as speech and language recognition.

3. Record Nr.	UNINA9910573814703321
Autore	Huntley Deborah L. <1969->
Titolo	Ancestral Zuni Glaze-Decorated Pottery : Viewing Pueblo IV Regional Organization through Ceramic Production and Exchange / / Deborah L. Huntley
Pubbl/distr/stampa	University of Arizona Press, 2022 Tucson : , : University of Arizona Press, , 2008 ©2008
ISBN	0-8165-4891-9
Descrizione fisica	1 online resource (xi, 104 pages) : illustrations, maps, plans ;
Collana	Anthropological papers of the University of Arizona ; ; no. 72
Soggetti	Zuni Indians - Antiquities Pueblo pottery - Themes, motives Pottery - Themes, motives Pottery - Analysis Glazing (Ceramics) Glazes Antiquities ceramic glaze Emaillage (Ceramique) Glacures Ceramique - Themes, motifs Pueblo pottery - Analysis New Southwest Etats-Unis (Nouveau Sud-Ouest) Antiquites Southwest, New Antiquities
Lingua di pubblicazione	Inglese
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Livello bibliografico

Monografia

Sommario/riassunto

In the Pueblo IV period (1275-1600) potters began to make distinctive polychrome vessels, which have been linked by archaeologists to new ideologies and religious practices in the area. This research examines interaction networks along settlement clusters in the Zuni region of west-central New Mexico in the thirteenth and fourteenth centuries, using analytical techniques such as INAA sourcing of ceramic pastes.