



Almalech, Mony. Bulgarian norm of word associations for color terms. – In: PSYCHOLINGUISTICS ON THE THRESHOLD OF THE YEAR 2000. Proceedings of the 5.th International Congress of the International Society of Applied Psycholinguistics.

Editors: Maria da Graca Pinto, Joao Veloso, Belinda Maia. Faculdade de Letras da Universidade do Porto, Porto, 1999. pp.103-105.

http://ler.letras.up.pt/site_uk/default.aspx?qry=id03id129&sum=sim

<http://ler.letras.up.pt/uploads/ficheiros/8407.pdf>

**PSYCHOLINGUISTICS ON THE THRESHOLD
OF THE YEAR 2000**

**LA PSYCHOLINGUISTIQUE SUR LE SEUIL
DE L'AN 2000**

**A PSICOLINGUÍSTICA NO LIMAR
DO ANO 2000**

PROCEEDINGS OF THE 5.TH INTERNATIONAL CONGRESS
OF THE INTERNATIONAL SOCIETY OF APPLIED PSYCHOLINGUISTICS

ACTES DU 5.EME CONGRES INTERNATIONAL
DE LA SOCIETE INTERNATIONALE DE PSYCHOLINGUISTIQUE APPLIQUEE

ACTAS DO 5º CONGRESSO INTERNACIONAL
DA SOCIEDADE INTERNACIONAL DE PSICOLINGUÍSTICA APLICADA

Editors:
Sous la direction de:
Organizadores:

Maria da Graça PINTO
João VELOSO
Belinda MAIA



FACULDADE DE LETRAS DA UNIVERSIDADE DO PORTO
PORTO
1999

Bulgarian norm of words associations for color terms

MONY E. ALMALECH

Institute for Bulgarian Language – Sofia (Bulgaria)

Thirty Bulgarian words were presented in list as stimulus in an association to test 100 native speakers.

These thirty words are excerpt of the full list of Kent-Rosanoff's stimulus words.

The goal is to research the features of Bulgarian norm of word associations for color terms. That is the reason why all color terms from the list of Kent-Rosanoff's are presented within our thirty stimulus words.

The responses from our research of 1996 are compared to the responses from 1984 publications of Bulgarian Norms of Word Associations (Gerganov, 1984).

Our conclusions are:

I. The first word-response is mainly connected to the Prototype of Color: FLAME/FIRE or BLOOD – for RED; different PLANTS – for GREEN; SKY or SEA – for BLUE; SUN – for YELLOW; SNOW or MILK – for WHITE; NIGHT or DARKNESS – for BLACK. The objects, which are prototypes are wellknown by E. Rosch's publications (Rosh et al, 1976).

II. The STRUCTURE of Bulgarian Norm of Associations for Color Terms is:

3. KERNEL part, consists of the set of responses, which are absolutely the same as in 1982.
4. NUCLEAR part, consists of the responses, which are different nominal representations of reference area; KINDLINESS – POLITENESS.
5. PERIPHERY of the norm, which consists of words, that difer in form and semantics – SOLDIER – SALARY as associations of RED.

This structure is result of comparative approach on data from 1984 and 1996.

III. In the frame of the structure, mentioned above, there are cultured associations or metaphorical semantisations. Some of them are: for RED – *anger, love, hunt*; for GREEN – *calm, calmness, immature*; for BLUE – *free, freedom*; for BLACK – *tears, funeral, greef*; for WHITE – *pure, immaculate*.

I want to give some details on points II and III.

Concerning point II

The kernel, nuclear and peripheral parts of the structure of the word associations for colors;

At the kernel and nuclear parts of the norm very often there are words for the most specific features of the prototypes – *hot, hotness, warm* for RED and for YELLOW; *light, cool and coolness* for BLACK and *wide, expanse* for BLUE; *fresh, freshness, unripe* for GREEN.

Concerning point III.

In the kernel and two other parts of the norm there are a lot of responses, which are metaphorical semantisations of the prototypes and the colors by themselves. Such are *love, anger, death, passion*, for RED; *calm, calmness, rest, resting, tired, life, immature* for GREEN; *happy, marry, bad, crazy, jew, mature*, for YELLOW; *clean, pure, immaculate, light, honest, good, bride, veil, God* for White; *devil, bad, lie, dirty, unclean, unpure, grave, funeral, tears, sorrow, unhappy, darkness* for BLACK.

This kind of word associations are normative metaphorical semantisations of the colors. These meanings are cultured associations.

When we look at the literature, the problem that arises is: Do the normative metaphorical semantisations are used, and usefully by the writers?

What I found is, that most of kernel, nuclear and peripheral word associations are used by the Bulgarian writers. The norm of Bulgarian word associations for colors is used as common language between the writer and the reader. This common color language works at the level and at the field of subconscious.

We can speak for color language, which has the function to be common writer and the reader.

In the literature can happen even more – the color characteristics of a personage, by the help of that common color language, repeat the information for the same personage, given by the text.

Trying to prove this hypothesis, I tested the color characteristics of the personages by the Color Test of Lusher. This test is well-known in the psychology. The result was positive, i.e. the color language, with different meanings of the colors, repeats the information by the text at the level of subconscious.

In the literature the color language includes normative as well non-normative associations of the colors.

Normative and non-normative word associations represent the case, when different meanings of the colors are perceived by the acoustical signs of the natural language.

It will be very interesting, if there are some small number of meanings of the colors, which are the same, in case that the color is perceived by visual perception. Such case is the ritual meanings of the colors. You can find the ritual meanings of the colors in my book «BALKAN FOLK COLOUR LANGUAGE» (Almalech, 1996). This book is the result of my two years work on the project «Semantics of the Colors» at Hebrew University of Jerusalem. The areas where I research the meanings of the colors in this book is the Balkan Folklore and the Secret Mystic-Religious Knowledge (Jewish Cabbalah and Islam).

Finally, comparing the metaphorical and other semantisations of the colors in the natural language to the meanings of the colors in the folklore and the secret mystic-religious knowledge, I can describe small number of universal, archetype meanings of the colors. Such as: «hot», «aggression», «fire», «flame», «death», «blood» – for RED; «hope», «cool», «water», «fresh», «life», – for GREEN; «pure», «immaculate», «veil», «God», «light», «death» – for WHITE; «bad», «secret», «night», «death», «funeral», «sorrow» – for BLACK.

These universal meanings of the colors are getting through different perception, at different times, among different peoples, with different religion.

To prove such affirmation I used numerous empirical facts from word associations, literature texts, Balkan Folklore, Islam and Jewish Cabbalah, and quite an amount of researches of many authors.

Someone can use that result for different goals – theoretical, practical, for application in some fields.

REFERENCES

- Almalech, M. 1996. *Balkan Folk Colour Language*, Sofia, St. Kliment Ohridski University, Press, 151 p.
Gerganov, E. 1984. *Bulgarian Norms for Word Association* «Nauka I Iskustvo, Sofia, 180 p. In Bulgarian.
Rosch, et al 1976. Basic Object in Natural Categories. *In Cognitive Psychology*, 8, 382-439.

Bulgarian norm of words associations for color terms

MONY E. ALMALECH

Institute for Bulgarian Language – Sofia (Bulgaria)

Thirty Bulgarian words were presented in list as stimulus in an association to test 100 native speakers.

These thirty words are excerpt of the full list of Kent-Rosanoff's stimulus words.

The goal is to research the features of Bulgarian norm of word associations for color terms. That is the reason why all color terms from the list of Kent-Rosanoff's are presented within our thirty stimulus words.

The responses from our research of 1996 are compared to the responses from 1984 publications of Bulgarian Norms of Word Associations (Gerganov, 1984).

Our conclusions are:

I. The first word-response is mainly connected to the Prototype of Color: FLAME/FIRE or BLOOD – for RED; different PLANTS – for GREEN; SKY or SEA – for BLUE; SUN – for YELLOW; SNOW or MILK – for WHITE; NIGHT or DARKNESS – for BLACK. The objects, which are prototypes are wellknown by E. Rosch's publications (Rosh et al, 1976).

II. The STRUCTURE of Bulgarian Norm of Associations for Color Terms is:

3. KERNEL part, consists of the set of responses, which are absolutely the same as in 1982.

4. NUCLEAR part, consists of the responses, which are different nominal representations of reference area; KINDLINESS – POLITENESS.

5. PERIPHERY of the norm, which consists of words, that difer in form and semantics – SOLDIER – SALARY as associations of RED.

This structure is result of comparative approach on data from 1984 and 1996.

III. In the frame of the structure, mentioned above, there are cultured associations or metaphorical semantisations. Some of them are: for RED – *anger, love, hunt*; for GREEN – *calm, calmness, immature*; for BLUE – *free, freedom*; for BLACK – *tears, funeral, greef*; for WHITE – *pure, immaculate*.

I want to give some details on points II and III.

Concerning point II

The kernel, nuclear and peripheral parts of the structure of the word associations for colors;

At the kernel and nuclear parts of the norm very often there are words for the most specific features of the prototypes – *hot, hotness, warm* for RED and for YELLOW; *light, cool and coolness* for BLACK and *wide, expanse* for BLUE; *fresh, freshness, unripe* for GREEN.

Concerning point III.

In the kernel and two other parts of the norm there a lot of responses, which are metaphorical semantisations of the prototypes and the colors by themselves. Such are *love, anger, death, passion*, for RED; *calm, calmness, rest, resting, tired, life, immature* for GREEN; *happy, marry, bad, crazy, jew, mature*, for YELLOW; *clean, pure, immaculate, light, honest, good, bride, veil, God* for White; *devil, bad, lie, dirty, unclean, unpure, grave, funeral, tears, sorrow, unhappy, darkness* for BLACK.

This kind of word associations are normative metaphorical semantisations of the colors. These meanings are cultured associations.

When we look at the literature, the problem that arise is: Do the normative metaphorical semantisations are used, and usefull by the writers?

What I found is, that most of kernel, nuclear and peripheral word associations are used by the bulgarian writers. The norm of bulgarian word associations for colors is used as common language between the writer and the reader. This common color language works at the level and at the field of subconscious.

We can speak for color language, which has the function to be common writer and the reader.

In the literature can happen even more – the color characteristics of a personage, by the help of that common color language, repeat the information for the same personage, given by the text.

Trying to prove this hypothesis, I tested the color characteristics of the personages by the Color Test of Lusher. This test is wellknown in the psychology. The result was positive, i.e. the color language, with different meanings of the colors, repeats the information by the text at the level of subconscious.

In the literature the color language includes normative as well non-normative associations of the colors.

Normative and non-normative word associations represent the case, when different meanings of the colors are percept by the acoustical signs of the natural language.

It will be very interesting, if there are some small number of meanings of the colors, which are the same, in case that the color is percept by visual perception. Such case is the ritual meanings of the colors. You can find the ritual meanings of the colors in my book «BALKAN FOLK COLOUR LANGUAGE» (Almalech, 1996). This book is the result of my two years work on the project «Semantics of the Colors» at Hebrew University of Jerusalem. The areas where I research the meanings of the colors in this book is the Balkan Folklore and the Secret Mystic-Religious Knowledge (Jewish Cabbalah and Islam).

Finally, comparing the metaphorical and other semantisations of the colors in the natural language to the meanings of the colors in the folklore and the secret mystic-religious knowledge, I can describe small number of universal, archetype meanings of the colors. Such as: «hot», «aggression», «fire», «flame», «death», «blood» – for RED; «hope», «cool», «water», «fresh», «life», – for GREEN; «pure», «Immaculate», «veil», «God», «light», «death» – for WHITE; «bad», «secret», «night», «death», «funeral», «sorrow» – for BLACK.

These universal meanings of the colors are getting through different perception, at different times, among different peoples, with different religion.

To prove such affirmation I used numerous empirical facts from word associations, literature texts, Balkan Folklore, Islam and Jewish Cabbalah, and quite an amount of researches of many authors.

Someone can use that result for different goals – theoretical, practical, for application in some fields.

REFERENCES

- Almalech, M. 1996. *Balkan Folk Colour Language*, Sofia, St. Kliment Ohridski University, Press, 151 p.
Gerganov, E. 1984. *Bulgarian Norms for Word Association* «Nauka I Iskustvo, Sofia, 180 p. In Bulgarian.
Rosch, et al 1976. Basic Object in Natural Categories. *In Cognitive Psychology*, 8, 382-439.

PREFACE	I
ACKNOWLEDGEMENTS	III
INTRODUCTION	1

INVITED SPEAKERS

The Power of words — Powers and the words	
TATIANA SLAMA-CAZACU	9
On the psychological meaning of bilinguality: psychological mechanisms of the bilingual person	
RENZO TITONE	17
How do children structure their initial mental lexicon?	
LEONOR SCLIAIR-CABRAL	35
Dynamic and authentic assessment of spoken and written language disorders	
KATHERINE G. BUTLER	47
Aspects de l'interprétation dans le dialogue adulte-enfant	
FRÉDÉRIC FRANÇOIS	59
A diatextual approach to sensational news	
GIUSEPPE MININNI	67
Levels of language mastery and their causative antecedents	
ERNST L. MOERK	77
Levels of processing in the phonological segmentation of speech	
JOSÉ MORAIS	85
Distance relationnelle et terrain commun dans l'interaction médecin-patient	
STEFANIA STAME	93

SPEECH COMPREHENSION AND PRODUCTION

Bulgarian norm of words associations for color terms	
MONY E. ALMALECH	103

A systematic approach to meta-cognitive modeling. Contents x process oriented teaching and assessment	
BERTILO FREDERICO BECKER	107
Comprehension and memory of texts: the interpretation of the title effect	
D. BROUILLET, A. SYSSAU, F. DE LA HAYE	117
The development of articulation in European Portuguese: a cross-sectional study of 3- to 5-year-olds naming pictures	
S. L. CASTRO, S. NEVES, I. GOMES, S. VICENTE	123
The role of syllabic structure in speech perception: Evidence from a stem completion task	
A. COSTA, M. APARICI, N. SEBASTIAN-GALLÉS	129
Competitive information sources in referential ambiguity resolution	
ARMANDA COSTA, ISABEL HUB FARIA, GABRIELA MATOS	133
Psycholinguistic meaning of the preformant in the vowel acoustic structure	
JOVAN DAVIDOVIĆ, SVETLANA ČIČEVIĆ	139
Does the title help children to understand a text, to recall it and to produce inferences?	
FANNY DE LA HAYE, ARIELLE SYSSAU, DENIS BROUILLET	143
Modelling second language processing	
HANS W. DECHERT	149
Telling stories in the elderly. Influence of attentional and working memory proceses (preliminary study)	
ONÉSIMO JUNCOS-RABADÁN, ARTURO X. PEREIRO	155
A Psycholinguistic Study of Rhythm Processing	
MORIO KOHNO	161
World knowledge and language devices	
MARGARITA KOSILOVA	167
Effects of the verb process referent on the manipulation of discourse objects properties	
M. CATERINA MANES GALLO, ISABELLE BONNOTTE	171
Paramètres mélodiques et processus cognitifs: une étude expérimentale (premiers résultats)	
JEAN-PHILIPPE MEIYE, GENEVIEVE CAELEN-HAUMONT, DANIELE DUBOIS	175
Conflit et malentendu stratégique	
MARINA MIZZAU, RENATA GALATOLO	187
Les processus de compréhension des expressions ironiques	
CHRISTELLE MUNCH, DENIS BROUILLET	193
On the norms of communication	
IVA NEBESKÁ	199

A compreensão em leitura como indicadora do nível de inteligência	
JOSÉ MARCELINO POERSCH, LUCIANA KERBER CHIELE	203
Le concept freudien d'«inquiétante étrangeté» et l'«emploi familier» des lexèmes en français	
JACKIE SCHÖN	207
Mémorisation des contenus sémantiques des phrases	
CATHERINE SPITZER	213
Context influence on lexical decision	
ZORAN UROSEVIC, MILAN D. SAVIC	219
The effects of two higher-level variables on the processing of an allophonic contrast in European Portuguese	
JOÃO VELOSO	225
The effect of the uniqueness point in the shadowing of words spoken in European Portuguese	
S. G. VICENTE, S. L. CASTRO, J. MORAIS	233
Destinataire présent, destinataire absent et degré d'implication du locuteur dans la conceptualisation du discours	
MONIQUE VION, JOELLE RIBERE-TZAKAS, CLAIRE JUSTINE	239
CHILD LANGUAGE ACQUISITION	
Cabel-udo, cabel-oso ou cabel-ento? – Um estudo sobre a aquisição de sufixos produtivos no Português Brasileiro	
SABRINA PEREIRA DE ABREU	247
On the status of the French pronominal clitic SE in children's speech	
ISABELLE BARRIERE, MARIE-THÉRESE LE NORMAND, MARJORIE PERLMAN LORCH	253
Développement et variabilité dans l'élaboration du lexique en français	
DOMINIQUE BASSANO, ELSA EME, ISABELLE MAILLOCHON	259
Reference Mechanisms in Children's Oral and Written Narratives at the Age of Ten	
H. J. BATORÉO, A. COSTA	265
Certain characteristics of speech behaviour of children between the age of three and five	
DJURDJICA CAHA-KRSTIC	271
Association and definition in school age children	
N. CARAMELLI, A. M. BORGHI, K. RAFFAELLI	275
Word recognition by Portuguese school-graders: a comparison with Austrian and English children	
LUZ CARY, PAULO VENTURA-ROCHA	281

Reading errors of Portuguese-English bilingual children learning to read in English via a phonics based approach: a comparison with errors from Monolingual English children LUZ CARY, ARLETTE VERHAEGHE, HELENA MARCHAND	287
Personal names versus 1st person pronouns in self-reference of Russian children aged 1.4 – 3.0 GALINA DOBROVA	293
Order of Acquisition of the Syllable Structure: Evidence from Portuguese Children M. JOÃO FREITAS, I. H. FARIA	297
Language processing in Portuguese children aged 4 to 10 years INÉS GOMES, SÃO LUÍS CASTRO	305
Spatial reference in children's narrative: a study in Brazilian Portuguese ANA MARIA DE MATTOS GUIMARÃES	311
A question of choice KARIN JUNEFELT	317
Language-specific developmental changes in speech perception abilities and their neuropsychological reason: A hypothesis MORIO KOHNO, TARUAKI TSUSHIMA	323
Early acquisition of Romani (Gypsy) language HRISTO KYUCHUKOV	329
Aspects prosodiques de la communication orale entre jeunes enfants (17;6 & 32 mois) et adultes KARINE MARTEL, JEAN VIVIER, ANNE LACHERET	337
Consonant errors are more frequent than vocalic errors in Spanish reading acquisition FRANCISCO J. MARTOS, SYLVIA DEFIOR, M. CARMEN GONZÁLEZ-TRUJILLO	343
The acquisition of the non-lateral liquids in Brazilian Portuguese ANA RUTH MORESCO MIRANDA	349
The first steps in Russian negation EKATERINA PROTASSOVA	353
Tense and aspect in naturalistic L2 Acquisition ANDREAS ROHDE	359
On the acquisition of the probabilistic prediction strategy MARINA RUSAKOVA	365
What's in a word?: describing development in the one-word stage GIOVANNI SECCO, ELENA NICOLADIS	369
The polyphony in infantile narrative discourse CARMEM LUCI DA COSTA SILVA	373

A comparison between Portuguese pre-readers versus beginning readers phoneme analysis ability: effects of Portuguese orthographic structure?	
ANA PAULA VALE, LUZ CARY	377
L'introduction des référents dans le discours en français: contraintes cognitives et développement des compétences narratives	
MONIQUE VION, ANNIE COLAS	383
FOREIGN LANGUAGE LEARNING	
Language learning strategies and second language use in the academic context	
EVA ALCON, JOSEP-RODERIC GUZMAN	391
Interinfluence between foreign and mother tongue as for verbal production of future teachers	
DRAGICA BRAJOVIĆ-KENTRIĆ	399
Effective communication in L2: an experience at a summer camp in Switzerland	
MANUELA COHEN	403
The phenomenon of transfer in L3 learning from a psycholinguistic perspective: a case study	
DANUTA GABRYS	409
Processing strategies in the interpretation of the Russian word order by Spanish-speaking students	
NATALIA IGNATIEVA SOLIANIK, SANIYA KAMALOVNA MAJMUTOVA	415
Free-association test approach in error analysis in the process of foreign language acquisition within the same language family	
LILIANA KIROVA-YOTOVA	423
Learning foreign language vocabulary: the keyword method revisited	
JELENA MIHALJEVIC DJIGUNOVIC	429
Learning German phonetics: the bilingual educational approach	
FEDERICA MISSAGLIA	433
The specialized language acquisition in the light of a foreign language approach	
JORDI MOREL	437
Shifting to one's native language in an English oral examination: a phenomenon of code-switching in the process of learning a foreign language	
SANTIAGO POSTEGUILLO GOMEZ, JUAN CARLOS PALMER SILVEIRA	441
Pronoms personnels et référenciation interpersonnelle dans le cas du français/langue étrangère	
AGNES SALINAS, JEAN VIVIER	445
Perception de l'accent primaire d'une langue étrangère: résultats d'une étude expérimentale	
JEANNE SALSIGNAC	449

A research study on children's story telling	
MIRJANA VILKE	453
LANGUAGE & EDUCATION	
Cognitive-cooperative strategies in the writing classroom	
RICARDO BENÍTEZ, JUANA MARINKOVICH, PILAR MORÁN	461
A leitura como um processo cognitivo	
OLÍVIA FIGUEIREDO, ROSA BIZARRO	465
Cartilhas (First Readers), do they effectively help or disturb the process of learning literacy?	
CLAUDIA FINGER-KRATOCHVIL	471
Multimídia aplicada ao ensino de literatura	
VALÉRIA MELLO FREIRE	475
The affective effects of the revisions stage of the writing process	
TAMMY GREGERSEN	479
What am I speaking for? Exploring classroom discourse in search of meaningful interaction	
PIERA MARGUTTI	483
Manuals: The construction of sense	
M. EMILIA RICARDO MARQUES	489
The Importance of Sign Language for Deaf Students' Literacy	
MARIA CRISTINA DA CUNHA PEREIRA, REGINA MARIA DE SOUZA	495
Characteristics of pupils' written and oral language expression and their interrelationship	
ALEKSANDRA PETROVIC	499
Spelling and writing in portuguese primary school children. To what extent do these processes/skills depend on a mastering of orality and on adequate reading methods?	
MARIA DA GRAÇA PINTO	503
Implicações da consciência linguística no processo ensino/aprendizagem da linguagem	
JOSÉ MARCELINO POERSCH	513
Some features of didactic communication (Didactic Test Specifics)	
JASNA ŠLÉDROVÁ	533
A emergência da função poética nos textos escritos produzidos por um adulto que aprendeu a ler e escrever na prisão	
LEDA VERDIANI TFOUNI	537

BILINGUALISM

Vowel discrimination in early bilinguals and the perceptual magnet effect LAURA BOSCH, ALBERT COSTA, NURIA SEBASTIAN	547
Control over different language systems ELLY BROSIG	551
Bilingual by chance or by choice: language maintenance and loss in simultaneous and successive bilinguals MANUELA COHEN	555
Acquiring bilingual communicative competence ALEXANDR JAROVINSKIJ	561
Attrition différentielle de la première langue chez deux groupes de bilingues tardifs de langues secondes distinctes. Premiers résultats BARBARA KÖPKE	565
Verbal information processing in Portuguese/French bilinguals in a dichotic listening task A. M. OLIVEIRA, S. L. CASTRO, L. DE SOUSA	571
Acquisition of Russian in monolingual, bilingual and trilingual situations EKATERINA PROTASSOVA	575
Bilinguisme et fonctionnement cognitif DULCE REBELO	579
Acquisition of /r-l/phonemic contrast by Japanese children and adults ELZBIETA B. SLAWINSKI	583
Use of English passive constructions by bilingual and monolingual students in Yugoslavia AGNES SZABO	591
Codeswitching and transference in Slovak – Serbo-Croatian bilingual children JAROSLAV TURČAN	595

TRANSLATION

‘Natural’ sentence structure in English and Portuguese and its influence on the organisation of information in the process of translation BELINDA MAIA	603
Original texts and their translations in a postmodern society IRMA SORVALI	607
Le calcul des procédés de traduction MILENA SRPOVÁ	611

LANGUAGE DISORDERS

Psycholinguistic assessment of diagnosed cleft palate and cleft lip and palate: a case study ISABEL HUB FARIA, ISABEL FALÉ	617
Deafness and bilingualism EULALIA FERNANDES	623
Fonoaudiologia e Linguística: Modos de Interpretação da Linguagem REGINA MARIA FREIRE	627
Linguistic transfer in the therapy of bilingual aphasia ONÉSIMO JUNCOS-RABADÁN, MARÍA JESÚS RODRÍGUEZ	631
Cross-linguistic issues in speech production disorders: spasmodic dysphonia in French-speaking subjects MARJORIE PERLMAN LORCH, RENATA WHURR	637
Communication tasks to study interaction: knowledge and responsibility IVANA MARKOVÁ	639
Description, explanation, and prediction in the study of phonological deficits in aphasia JONH MATTHEWS	643
The gestural communication of deaf children M ^a ÁNGELES ORTEGA, MERITXELL TORRES, CARMEN TRIADÓ	649
Repetições: uma nova análise RUTH RAMALHO RUIVO PALLADINO	655
Narrative discourse in Spanish specific language impaired ENCARNA PÉREZ, MIQUEL SERRA	659
Reference and evaluation in the narrative speech of a group of French-speaking dyslexic children MONIQUE PLAZA	665
Lexical representation in French dysphasic subjects: A priming task for verbs PHAEDRA ROYLE, GONIA JAREMA, EVA KEHAYIA	669
Communicative interaction deaf child / deaf child – deaf child / hearing child: interaction modality MERITXELL TORRES, M ^a ÁNGELES ORTEGA, CARMEN TRIADÓ	675
Deixis acquisition in deaf and hearing children CARMEN TRIADÓ	683

NON-VERBAL ASPECTS OF ORAL COMMUNICATION

Emotion as a psycholinguistic polarity in speech BERTILO FREDERICO BECKER	689
-------------------------------------------------------------------------------------------	-----

Aspects gestuels de l'adaptation au destinataire dans une tâche de communication référentielle ANNIE COLAS, NATHALIE LO GIUDICE, MONIQUE VION	695
Gestural cohesion in discourse SILVANA CONTENTO	701
Psycholinguistic approach to the nonverbal repertoire in similar tv programs on three tv stations: CNN, TV5, BNT PENKA ILIEVA-BALTOVA, ANDREANA PREDOEVA	707
Co-construction de l'espace interprétatif ANNE LEFEBVRE	713
Fatores psicolinguísticos, que incidem sobre a escolha e a percepção dos meios paralinguísticos em emissões publicitárias televisivas em língua búlgara no meio linguístico búlgaro ANDREANA PREDOEVA	719
Turn-maintaining signals in spoken Portuguese ISABEL GALHANO RODRIGUES	723
SEMIOTICS, SOCIOLINGUISTICS, A.S.O. IN A PSYCHOLINGUISTIC PERSPECTIVE	
Conscience, signification, sens, signifiante: quelques pistes entre Leontiev et Guillaume FRANCIS BROSSERON	735
Visual and verbal associations to the same stimulus (word '24 hours') KRASIMIRA ALEXandroVA PETROVA	741
Iconicity: the semiotic-psycholinguistic interface DIANE PONTEROTTO	747
Meaning and symbolization in scientific contexts MARIA TARANTINO	751
Ethno-cultural specificity of images of language consciousness of contemporary Russians (viewed behind the background of the English) NATALIA V. UFIMTSEVA	757
MASS COMMUNICATION MEDIA	
Talk show: the audience represented in television for the audience of television SUSANNA ANNESE	765
LITERARY TEXT ANALYSIS IN A PSYCHOLINGUISTIC PERSPECTIVE	
Ici, ou la visualisation de l'usage de la parole dans la narration de Nathalie Sarraute CARMEN LICARI	775

Mental models construction and communicative conflict	
ROBERTA LORENZETTI	779

Characteristics of language of the novel in Serbia in the period from 1990 to 1995	
SMILJKA VASIĆ	783

SPEECH TECHNOLOGIES AND HUMAN COMMUNICATION MODELS

Computerized one-third octave band analysis in real time of the structural relationship vowel consonant in a monosyllabic word	
SVETLANA ČIČEVIĆ, JOVAN DAVIDOVIĆ, SMILJKA VASIĆ, VLADISLAVA KNAFLIĆ, ĐURĐE NAUMOVIĆ	789

Rhythmic patterns in languages and psychology of speech perception	
MORIO KOHNO	793

Communication and cognitive strategies in a text-based virtual reality	
M. BEATRICE LIGORIO	799

«VARIA»

Relevância: lógica e cognição	
JORGE CAMPOS	807

Relevância e minimalismo: uma aproximação possível	
SABRINA PEREIRA DE ABREU	811

Relevância e inferência na internet	
ANA MARIA T. IBAÑOS	817

Relevância e ensino de segunda língua: Considerações sobre ordem canônica versus ordem pragmática	
FERNANDO NAIDITCH	821

Relevância e inferência na nova novela brasileira	
JANE RITA CAETANO DA SILVEIRA	825

AUTHORS' ADDRESSES	837
---------------------------------	-----