

Glottometrics 30 2015

RAM-Verlag

ISSN 2625-8226

Glottometrics

Glottometrics ist eine unregelmäßig erscheinende Zeitschrift (2-3 Ausgaben pro Jahr) für die quantitative Erforschung von Sprache und Text.

Beiträge in Deutsch oder Englisch sollten an einen der Herausgeber in einem gängigen Textverarbeitungssystem (vorrangig WORD) geschickt werden.

Glottometrics kann aus dem **Internet** heruntergeladen werden (**Open Access**), auf **CD-ROM** (PDF-Format) oder als **Druckversion** bestellt werden.

Glottometrics is a scientific journal for the quantitative research on language and text published at irregular intervals (2-3 times a year).

Contributions in English or German written with a common text processing system (preferably WORD) should be sent to one of the editors.

Glottometrics can be downloaded from the **Internet (Open Access)**, obtained on **CD-ROM** (as PDF-file) or in form of **printed copies**.

Herausgeber – Editors

G. Altmann	Univ. Bochum (Germany)	ram-verlag@t-online.de
K.-H. Best	Univ. Göttingen (Germany)	kbest@gwdg.de
G. Djuraš	Joanneum (Austria)	Gordana.Djuras@joanneum.at
F. Fan	Univ. Dalian (China)	Fanfengxiang@yahoo.com
P. Grzybek	Univ. Graz (Austria)	peter.grzybek@uni-graz.at
L. Hřebíček	Akad. d. W. Prag (Czech Republik)	ludek.hrebicek@seznam.cz
R. Köhler	Univ. Trier (Germany)	koehler@uni-trier.de
H. Liu	Univ. Zhejiang (China)	lhtzju@gmail.com
J. Mačutek	Univ. Bratislava (Slovakia)	jmacutek@yahoo.com
G. Wimmer	Univ. Bratislava (Slovakia)	wimmer@mat.savba.sk

Bestellungen der CD-ROM oder der gedruckten Form sind zu richten an

Orders for CD-ROM or printed copies to RAM-Verlag RAM-Verlag@t-online.de

Herunterladen/ Downloading: <https://www.ram-verlag.eu/journals-e-journals/glottometrics/>

Die Deutsche Bibliothek – CIP-Einheitsaufnahme
Glottometrics. 30 (2015), Lüdenscheid: RAM-Verlag, 2015. Erscheint unregelmäßig.
Diese elektronische Ressource ist im Internet (Open Access) unter der Adresse
<https://www.ram-verlag.eu/journals-e-journals/glottometrics/> verfügbar.

Bibliographische Deskription nach 30 (2015)

ISSN 2625-8226

Abstracts Glottometrics 30, 2015

Hanna Gnatchuk

Phonosemantic features of English and German consonants

1-18

Abstract. The problem of the connection between sounds and meanings has been a point of debate among linguists throughout centuries. In this project, we are intended to confirm and establish semantic features for English and German consonants in the human mind. In order to achieve the objective, we undertake a psycholinguistic experiment. Then we treat the data with the help of quantitative methods – Osgood’s semantic differential and the chi-square test. As a result, we have confirmed and established the semantic features for English and German consonants. Moreover, the outcomes of the psycholinguistic experiment have shown that the meanings of the sounds bear a close resemblance with their acoustic features: voiced and sonorant phonemes were evaluated as “kind” and “smooth” while voiceless – as “rough” and “fast” (in English and German). The practical application of the results may be of great use in creating brand names for industrial goods with a special emphasis on the semantics of the selected sounds

Ioan-Iovitz Popescu, Gabriel Altmann

A simplified lambda indicator in text analysis

19-44

Abstract. The aim of the article is to show an alternative, easier computation of the Lambda indicator which displays the frequency structuring of the text. Here not all frequencies need to be taken into account, it is sufficient to consider the first and the last values and the h-point. The article brings a survey of many texts in several languages.

C. George Sandulescu, Lidia Vianu, Ioan-Iovitz Popescu, Andrew Wilson, Róisín Knight, Gabriel Altmann

Quantifying Joyce’s *Finnegans Wake*

45-72

Abstract. The aim of the article is to show that the quantitative indicators already applied to many texts are useful also for characterizing a special text containing many artificial components created by J. Joyce.

Ruina Chen, Gabriel Altmann

Conceptual inertia in texts

73-85

Abstract. Conceptual unity of the text can be captured in different ways. Here, we use the Belza-chains and their presence in texts to perform a kind of measurement, comparisons, tests and modeling.

Hanna Gnatchuk

A bibliography of quantitative studies on sound symbolism

86-90