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Emmerich Kelih

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Abstract. This paper investigates the frequency of polysemy in six genetically unrelated languages. It can be shown that these distributions can be described by a power model, developed by the Estonian linguist Juhan Tuldava. Furthermore, interrelations between descriptive parameters of the analyzed empirical distributions have been obtained. Special attention has been paid to the behaviour of the parameters of the theoretical models, taking into account different influence factors (language analyzed, sample size, parts of speech).

Marina Knaus

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Solomija Buk, Ján Mačutek, Andrij Rovenchak

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Abstract. The aim of this article is to find fixed points and regularities in musical texts, set up statistical tests for their comparison and observe their development. The analysis is based on rank-frequency distributions of pitches. The following indicators are described: the *h*-point and its angle, the *a*-indicator, the *H*-point and the *H*-coverage having an affinity to the golden section, and the *A*-ratio. Different

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Peter Grzybek, Emmerich Kelih, Ernst Stadlober

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