



Normalizing citations

Biljana Kosanović

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Goal

- identifies identical citations which occur in different formats, in order to:
 - evaluate different types of entities
 - » authors (researchers)
 - » institutions (universities, faculties)
 - » journals, publishers
 - linking
 - » inbound
 - » outbound
 - » forward
 - locating papers which share one or more references
 - completing



Problems

- widely different conventions
 - Vancouver
 - Blue Book
 - APA
 - in-text, end-text, footnote...
- much variance in citation style
- unusual abbreviations



Zdravković Sunčica
Laboratory of Experimental Psychology, University of Belgrade, Serbia, Yugoslavia

Psihologija
2002, Vol. 35, No. 3-4, pp. 225-244
article in English
full text in pdf format

Analysis of depth percepts induced by mobile two-dimensional stimuli

sharing

act

:: annual issues

:: about journal »

:: send »

:: find »

:: how to cit

:: about Soci

:: journal list

:: articles search

:: terms and privacy

:: links

:: about the publisher

In two experiments the depth effect induced by motion of two dots was investigated by estimations of length and angle of inclination of the perceived rod that moves in 3-D space. A third control experiment assessed the corresponding 2-D percepts with static stimuli. In Experiment 1 the dots moved on straight paths, and in Experiment 2 they moved on elliptical paths. The results were compared with predictions from Johansson's frontal-parallel principle. The principle was confirmed for dots moving on convergent paths, the results were inconclusive for straight paths, and the principle was disconfirmed for divergent paths.

Keywords: depth, dots-configurations, frontal-parallel principle, motion

forward |

articles related to this paper

articles by the same author(s)

articles that cited this paper

sensation and perception. Belmont, CA: Wadsworth

outbound |

Johansson, G. (1974). Visual perception of rotary motion as transformation of conic sections, *Psychologia*, 17, 226-237

Johansson, G. & Jansson, G. (1968). Perceived rotary motion from changes in a straight line, *Perception and Psychophysics*, vol. 4, br. 3, str. 165-170

Ullman, S. (1983). The interpretation of structure from motion, *Proceedings of the Royal Society of London*, B. 203, 405-426

cited (0)

cited (1)

cited (2)

cited (1)





Software - svedi

- making "interaction" with the data easier and/or more efficient
- pre-processing:
 - "cleaning" author name (first and last name, initials)
 - expansion of common abbreviations (conf., Proc.)
 - expansion of journal title and assigning ISSN (existing database)
 - identifies language of citation (spell-check)
 - calculate "similarity" of citations



Software - svedi

- more than 550 000 citations
- MS Access, Visual Basic (we have to change this)
- very easy navigation
- source of citation is always available
- links between citing and cited documents
- additional tools:
 - journal list
 - research staff registers
 - list of local publishers