



***Brief History***

In the year 2005, the first volume of the yearbook with the title “Proceedings of the Symposium for Cognition, Logic and Communication”, came into being. The volume was published in paper medium by University of Latvia Press under the direction of Jurgis Skilters, Matti Eklund, Olafur Páll Jónsson and Olav K. Wiegand.

***Scope and Coverage***

The Baltic International Yearbook of Cognition, Logic and Communication is a scholarly work created from the selected submissions at the symposium organized by the Center for Cognitive Sciences and Semantics at the University of Latvia in Riga. Center for Cognitive Sciences and Semantics at the University of Latvia in Riga is in charge of the editing of the book and works that meet the editor's high standards of scholarship. The yearbook is edited by leading American and European specialists working in some of the areas of Cognitive Sciences. Each issue of the yearbook is supervised by a guest editor.

The publication delves into the issues of formal Logic, Computer Sciences and AI-research, Communication Sciences, Philosophy, Psychology, Linguistics, and the theories of Cognitive and Information Processing Systems as well as the history and development of these disciplines. The contents are aimed for academic audiences but not limited in its approach. The volumes will be of interest to the students and the researchers of cognitive sciences as well as in connected disciplines such as Philosophy, Psychology, Computer Sciences and Linguistics.

***Kind of Information***

The yearbook is thematic and each issue of the book dig deep into the areas of formal Logic, Computer Sciences and AI-research, Communication Sciences, Philosophy, Psychology, Linguistics, and the theories of Cognitive and Information Processing Systems as well as the history and development of these disciplines.

Each volume of the yearbook can be reached through the browsing option found at the right of the home page. Each issue of the yearbook has a theme of focus. The content page of a yearbook comes with the theme of the issue with the name of persons who guided the issue, citation of the issue and the title of the works contained in the pages with their author name. An example of the content titles are provided below:

Perspectives on Spatial Cognition

Under the direction of:

Michael Glanzberg, Jurgis Škilters, and Peter Svenonius

Proceedings of the Symposium for Cognition, Logic and Communication  
PDF

Editors' Introduction

Michael Glanzberg and Jurgis Škilters PDF

The Geometry Of Preposition Meanings

Peter Gärdenfors PDF

Intuitive Direction Concepts

Alexander Klippel, Jan Oliver Wallgrün, Jinlong Yang, and Kevin Sparks

Within one of the work titled “The Geometry Of Preposition Meanings” by Peter Gärdenfors, the writing is designed with its year, DOI link, page number, name and affiliation of the author and an abstract of the text before the main body of the work.

The main body of the work of the said title starts with the section named “Program” with serial number 1. Within this section named “Program” the objective of the writing with the author’s take on the issue is stated.

The second section titled “The Semantics of Preposition” with serial number 2, the author started to discuss the issue by presenting few widely held notions and then goes on to prove their own point through logical analysis. Mathematical representations, figures are incorporated to explore the issue in depth. Screenshots of specimens of figure and mathematical representation are provided below:

Given the representation of polar coordinates, I can define a notion of *polar betweenness* that is different from the one generated by the standard Euclidean metric:

A point  $b = \langle x_b, \phi_b, \theta_b \rangle$  lies *polarly between* a point  $a = \langle x_a, \phi_a, \theta_a \rangle$  and a point  $c = \langle x_c, \phi_c, \theta_c \rangle$  if there is some  $k, 0 < k < 1$  such that  $x_b = kx_a + (1-k)x_c$ ,  $\phi_b = k\phi_a + (1-k)\phi_c$  iff  $|\phi_a - \phi_c| \leq 180^\circ$ , and  $\phi_b = k\phi_a + (1-k)(\phi_c - 360^\circ)$  iff  $|\phi_a - \phi_c| > 180^\circ$ , and  $\theta_b = k\theta_a + (1-k)\theta_c$ .

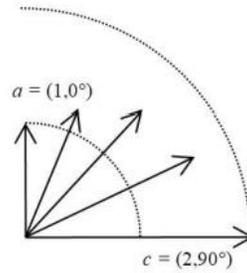


Figure 1. Polar betweenness.

Acknowledgement and notes at the end of the writing are found.

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### *Arrangement Pattern*

The yearbooks can be reached through the volume browsing option, placed at its homepage. Each volume of yearbook is identified with a theme of its focus. All the writings found under the theme of the volume are arranged as per the editor's choice. Set up of a content page is provided below:

#### **Perspectives on Spatial Cognition**

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Michael Glanzberg, Jurgis Šķilters, and Peter Svenonius

#### **Proceedings of the Symposium for Cognition, Logic and Communication**

Editors' Introduction  
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Kevin Sparks

***Remarks***

The volumes have original peer reviewed papers with great editorial discretion. Uncompromising quality of work that is equally beneficial for the researchers, students and academicians.

***Comparable Tools***

- Philosophy of Education Society Yearbook  
(<http://www.philosophyofeducation.org/node/6>)
- Yearbook for Eastern and Western Philosophy  
(<http://www.degruyter.com/view/j/yewph#>)

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