JAIST Repository

https://dspace.jaist.ac.jp/

Title	さまざまな視点からの評価値を利用した情報探索の支 援
Author(s)	長谷川,崇朗
Citation	
Issue Date	2000-03
Туре	Thesis or Dissertation
Text version	author
URL	http://hdl.handle.net/10119/667
Rights	
Description	Supervisor:林 幸雄,知識科学研究科,修士



Information search support systems based on the evaluation of various view point

Takao Hasegawa

School of Knowledge Science,
Japan Advanced Institute of Science and Technology
March 2000

Keywords: Information space, Information search, Information visibility passable, Man-machine interface, Contents Mapping, JAVA Applet.

There are much people who browse via Internet in recent years.

There are many case that they search while searching the purpose.

Recently, the method to find the information in need from vast information attracts the attention of people.

This research is intended for those who search in information space and suggests an effective supporting method.

Visualization is deeply related to human sensitivity and not only faithful reproduction is needed.

System with relaxation effect is very important and has to be considered in the system which human is deeply related to.

Therefore, I propose the system that supports the search of information space by the comparison, visualization of information, by using the evaluation data of the human being to the information search in this research.

This system is designed with JAVA, which can be delivered on web.

Copyright © 2000 by Takao Hasegawa

The design and characteristics of the system is:

- Treat URL, the link of each contents, as node point.
- Map each node on the browser in circle.
- Each node is linked to contents
- The evaluation score of outside of the circle is high and that of inside is low
- The map connects the node in order from starting corner with circuit segment
- Exhibition of the comparison of 2 gatherings with relevancy with simple substance
- The outline of each node is displayed on sub-window.
- The browser is able to set background and BGM.
- The design is based upon consideration of security of server and client.
- No limitation of platform and simultaneous start-up.
- Information released on the server is easily changeable with setting files.
- This system can display comparison of any kind of data if the data is the numerical value data to one contents group.

This system, solving these tasks comprehensively, has achieved the realization of the system, which supports searching information space.