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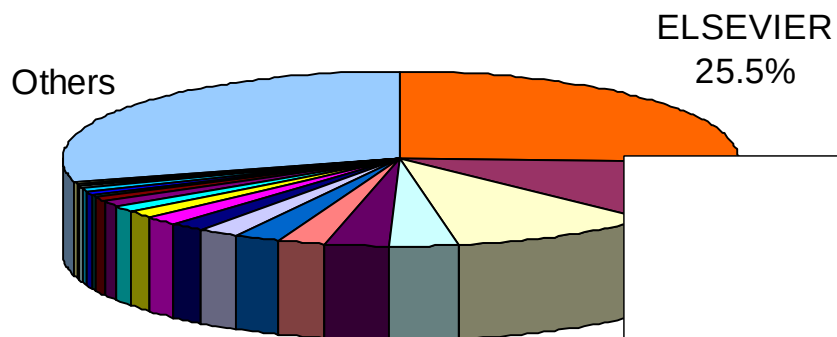
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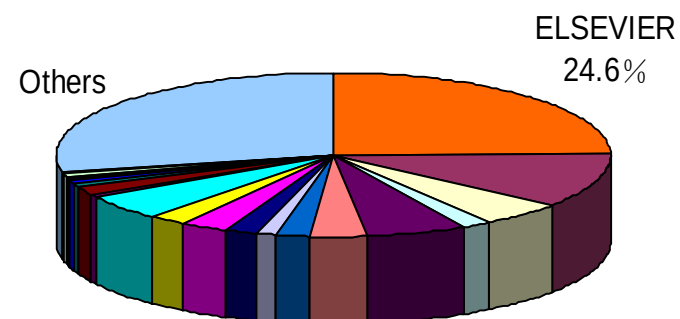
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Lancet (柳叶刀) Volume 1, Number 1, 1823



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☐ 1. **Embryonic stem cells, F**
Page 175
The Lancet

OCTOBER 6, 1823.

SURGICAL LECTURES.

Theatre, St. Thomas's Hospital.
Wednesday Evening,
OCT. 4, 1823.

A half-past seven o'clock the Theatre was crowded in every part, by upwards of four hundred Students, of the most respectable description; in fact we never before witnessed so good a Surgical class: the sight was most pleasing, for they all appeared gentlemen of cultivated manners and good education.

About Eight o'clock Sir Astley Cooper arrived, and was received with the most enthusiastic applause: when it had ceased, this distinguished Professor pronounced his customary observations.—That, while it is the province of the Physician to attend to internal diseases, it is the duty of the Surgeon to attend to those that are external: to perform operations for the removal of diseased parts; and to know how to regulate the system by the use of medicine, when local diseases are produced by constitutional derangement. Surgery is usually divided into the Principles and Practice. The first are divided into

local observations with the living when diseased, by dissection of the dead, and by experiments made on living animals. Our deductions from these sources, furnish us with the means of knowing a malady by its symptoms, the situation of diseased parts when living, and the various stages in which Nature attempts the reparative process, both to external and internal parts. A man who has seen much of morbid appearances, possesses great advantages; but his knowledge cannot be perfect unless he has frequently seen the subject under description, in which he must himself have assisted. In the surgical science hypochondria should be entirely discarded. And secondly, derived from actual observation and experience, a man's own experience. The first is a guide, the last a polar star, a never-failing guide. Experiments on living animals have been found of the greatest utility in directing us to a knowledge of the nature by which Nature acts in the repetition of morbid parts. Thus the method she would adopt in uniting a fracture in the bone of a dog, will show you the nature in which man would happen in the fracture of a

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The screenshot shows the ScienceDirect search interface. The top navigation bar includes links for Home, Browse, Search, My Settings, Alerts, and Help. The 'Search' link is circled in orange. Below the navigation bar is a 'Quick Search' section with input fields for 'All fields', 'Author', 'Journal/book title', 'Volume', 'Issue', and 'Page'. A green callout bubble points to the 'Search' link with the text '进入检索界面 更多限定选择'. Below the 'Quick Search' section is an 'Add to my Quick Links' button. The main search area is divided into 'All Sources', 'Journals', and 'Books' tabs. The 'Journals' tab is selected. The 'Term(s)' input field contains 'Cloud comput*' and is circled in orange. A green callout bubble points to this field with the text '输入检索词'. Below the 'Term(s)' field is a dropdown menu for 'within:' with 'All Fields' selected. A green callout bubble points to this dropdown with the text '确定检索字段'. Below the 'Term(s)' field is a dropdown menu for 'AND' with 'AND' selected. Below the 'AND' dropdown is a 'Subject:' section with a list of subjects: 'Chemical Engineering', 'Chemistry', 'Computer Science', and 'Decision Sciences'. 'Computer Science' is highlighted in blue. A green callout bubble points to this list with the text '确定文章领域'. Below the 'Subject:' section is a 'Dates:' section with radio buttons for 'All Years', '2000', and 'Present'. The 'All Years' radio button is selected. Below the 'Dates:' section are buttons for 'Search', 'Clear', and 'Recall Search'. A green callout bubble points to the 'Search' button with the text '确定文章领域'.

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The screenshot shows the PubMed search interface with several callouts explaining search options:

- 检索某作者所写的文章** (Retrieve articles written by a specific author): Points to the "Specific Author" option in the "within:" dropdown menu.
- 关键词出现在整个作者字段** (Keywords appear in the entire author field): Points to the "Abstract, Title, Keywords" option in the "within:" dropdown menu.
- 检索引用了某篇文章的所有文章** (Retrieve all articles that cite a specific article): Points to the "All Fields" option in the "within:" dropdown menu.
- 检索来自某机构的所有文章** (Retrieve all articles from a specific institution): Points to the "Affiliation" option in the "within:" dropdown menu.

The interface includes tabs for "All Sources", "Journals", "Books", and "Reference Works", an "Advanced Search" section, and a "Search" button.

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Computers & Graphics, Volume 29, Issue 1, February 2005, Pages 29-40
Hong-Shyang Liao, Tan-Chi Ho, Jung-Hong Chuang, Cheng-Chung Lin
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Future Generation Computer Systems, In Press, Corrected Proof, Available online 14 April 2010
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Arnon Rosenthal, Peter Mork, Maya Hao Li, Jean Stanford, David Keester, Fawn Reynolds
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Engineering Analysis with Boundary Elements, Volume 27, Issue 1, January 2003, Pages 57-71
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Surround structured lighting: 3-D scanning with orthographic illumination

Douglas Lanman^a, Daniel Crispell^a and Gabriel Taubin^a

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Received 1 May 2008; accepted 27 March 2009. Available online 14 May 2009

Abstract

This paper presents a new system for rapidly acquiring complete 3-D surface models using a single orthographic structured light projector, a pair of planar mirrors, and one or more synchronized cameras. Using the mirrors, we project structured light patterns that illuminate the object from all sides (not just the side of the projector) and are able to observe the object from several vantage points simultaneously. This system requires that projected planes of light to be parallel, so we construct an orthographic projector using a Fresnel lens and a commercial DLP projector. A single Gray code sequence is used to encode a set of vertically-spaced light planes within the scanning volume, and five views of the illuminated object are obtained from a single image of the planar mirrors located behind it. From each real and virtual camera we recover a dense 3-D point cloud spanning the entire object surface using traditional structured light algorithms. A key benefit of this design is to ensure that each point on the object surface can be assigned an unambiguous Gray code sequence, despite the possibility of being illuminated from multiple directions. In addition to presenting a prototype implementation, we also develop a complete set of mechanical alignment and calibration procedures for utilizing orthographic projectors in computer vision applications. As we demonstrate, the proposed system overcomes a major hurdle to achieving full 360° reconstructions using a single structured light sequence by eliminating the need for merging multiple scans or multiplexing several projectors.

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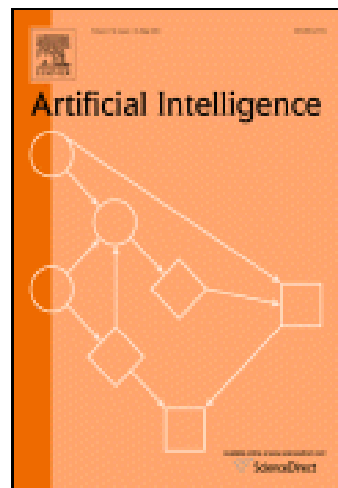
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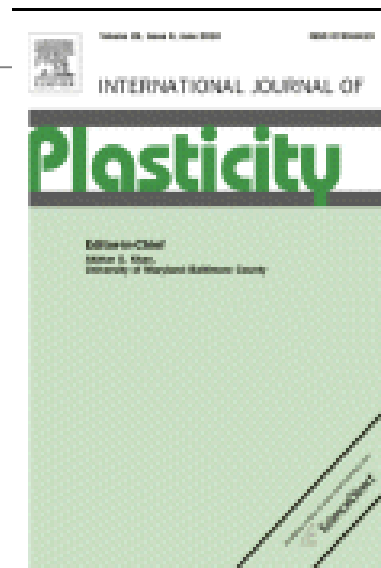
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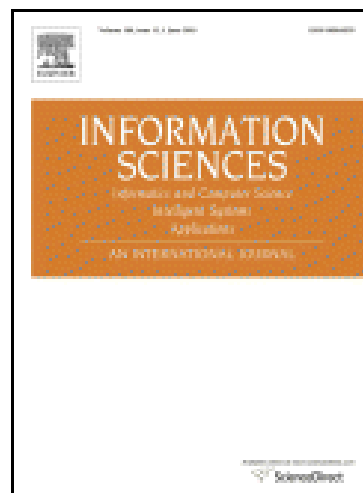
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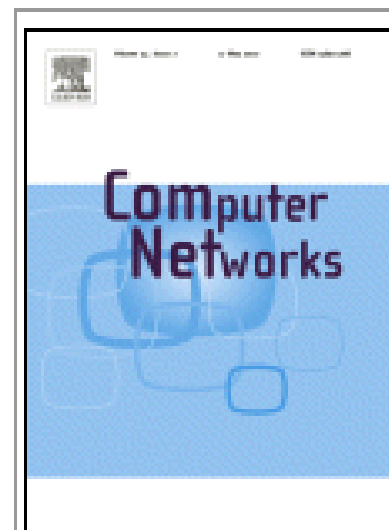
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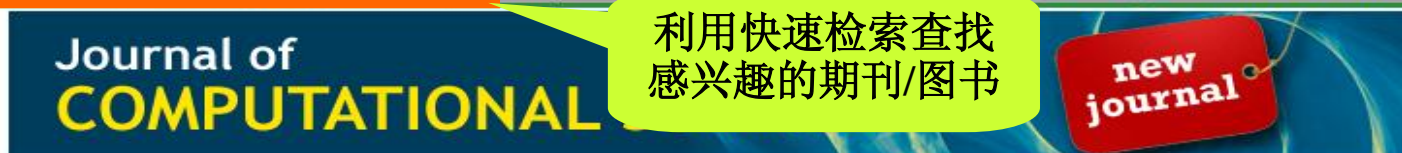
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CHAPTER 1
The Time Value of Information

"All for want of a nail..."
Remember the old rhyme?

*For want of a nail, a shoe was lost
For want of a shoe, a horse was lost
For want of a horse, a rider was lost
For want of a rider, a message was lost
For want of a message, a battle was lost
For want of a battle, a kingdom was lost
All for want of a nail.*

—George Herbert (1593-1632)

This little rhyme may be cute, and illustrate how one critical detail can ruin your whole day, but it is extremely relevant to the issue of this book and this chapter.

Without the right piece of information at the right time, the battle

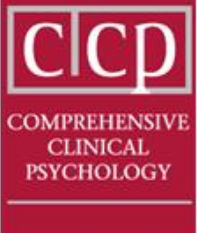
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Regulatory processes of the human body during thermal and work strain

Juergen Werner
*Center for Biomedical Methods, Medical Faculty, Ruhr-University, Bochum, Germany

Available online 31 July 2007.

Abstract
This chapter focuses on the control processes inherent in the human body when subjected to thermal or exercise stress. The regulatory processes commonly named 'thermoregulation' comprise the interaction, and sometimes the competition, of various control systems such as the cardiovascular, metabolic, respiratory, osmoregulatory and thermal control systems. Understanding these processes correctly is essential for the estimation and evaluation of physiological strain in environmental ergonomics. Such systems stabilize body temperature in spite of external or internal loads, generally by means of an information loop with negative feedback. A controller network in the central nervous system activates effector mechanisms (such as vasodilation, heat convection, sweat secretion, and non-shivering thermogenesis) to maintain body temperature within a narrow range.

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☐ Artificial Intelligence	Latest Results Archive/Details	Weekly	
☐ Cognitive Science	Latest Results Archive/Details	Weekly	
☐ Communications	Latest Results Archive/Details	Weekly	
☐ Computational Intelligence	Latest Results Archive/Details	Weekly	
☐ Computational Theory	Latest Results Archive/Details	Weekly	
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☐ Computer Graphics	Latest Results Archive/Details	Weekly	
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☐ Computer Science	Latest Results Archive/Details	Weekly	
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☐ Data	Latest Results Archive/Details	Weekly	
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68 titles found in

Physical Sciences and Engineering > Computer Science > Artificial Intelligence

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pp. 1367-1456 (October

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Search Within Results:

Refine Results

Content Type

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Journal/Book Title

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☐ 2006 (80)

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☐ 5.  Seismic behavior of interior connections in existing waffle-flat-plate structures

Engineering Structures, Volume 30, Issue 9, September 2008, Pages 2510-2516

A. Benavent-Climent, X. Cahís, A. Catalán

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select your interest
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[all subject areas]
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Energy
Engineering
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Top 25 Hottest Articles
Earth and Planetary Sciences
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1. Australian gold exploration 1976-2003 • Article
Resources Policy, Volume 30, Issue 1, March 2005, Pages 29-37
Huleatt, M.B.; Jaques, A.L.
2. Exploration and discovery of Australia's copper, nickel, lead and zinc resources 1976-2005 • Article
Resources Policy, Volume 30, Issue 3, September 2005, Pages 168-185
Jaques, A.L.; Huleatt, M.B.; Ratajkoski, M.; Townner, R.R.
3. Nickel sulfide deposits in Australia: Characteristics, resources, and potential • Review article
Ore Geology Reviews, Volume 29, Issue 3-4, November 2006, Pages 177-241
Hoatson, D.M.; Jaireth, S.; Jaques, A.L.
Cited by Scopus (2)
4. Flood prediction using Time Series Data Mining • Article
Journal of Hydrology, Volume 333, Issue 2-4, February 2007, Pages 305-316
Damle, C.; Yalcin, A.
Cited by Scopus (2)
5. Super-deep reflection profiling: exploring the continental mantle lid • Article
Tectonophysics, Volume 286, Issue 1-4, March 1998, Pages 111-121
Steer, D.N.; Knapp, J.H.; Brown, L.D.
Cited by Scopus (15)
6. Reappraisal of deep seismic reflection Profile VIII across the Pripyat Trough • Article
Tectonophysics, Volume 268, Issue 1-4, December 1996, Pages 99-108
Juhlin, C.; Stephenson, R.A.; Klushin, S.
Cited by Scopus (11)
7. Water properties and transport of the Leeuwin Current and Eddies off Western Australia • Article
Deep Sea Research Part I: Oceanographic Research Papers, Volume 52, Issue 9, September 2005, Pages 1617-1635
Fieux, M.; Molcard, R.; Morrow, R.
Cited by Scopus (8)
8. Crustal structure beneath the Xingtai earthquake area in North China and its tectonic implications • Article
Tectonophysics, Volume 274, Issue 4, June 1997, Pages 307-319
Wang, C.-Y.; Zhang, X.-K.; Lin, Z.-Y.; Wu, Q.-J.; Zhang, Y.-S.
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Publication period ⓘ

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- Synthesis and surface engineering of iron oxide nanoparticles for biomedical applications**
Gupta, A.K. (2005), *Biomaterials*, Volume 26, Issue 18, Pages 3995-4021
Cited by: 278
- Conversion of sunlight to electric power by nanocrystalline dye-sensitized solar cells**
Grätzel, M. (2004), *Journal of Photochemistry and Photobiology A: Chemistry*, Volume 164, Issue 1-3, Pages 3-14
Cited by: 256
- Metal-organic frameworks: A new class of porous materials**
Rowse, J.L.C. (2004), *Microporous and Mesoporous Materials*, Volume 73, Issue 1-2, Pages 3-14
Cited by: 208
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Taduchi, A. (2005), *Microporous and Mesoporous Materials*, Volume 77, Issue 1.

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Correlation between plasma antioxidant capacity and verbascoside levels in rats after oral administration of lemon verbena extract

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