

# Up To Date ! ScienceDirect 2012

Rajamangala University  
of Technology Thanyaburi

Trainer : Nattaphol Sisuruk  
E-mail : [sisuruk@yahoo.com](mailto:sisuruk@yahoo.com)

SciVerse

ScienceDirect

# ELSEVIER Company



## ELSEVIER

ELSEVIER is the world's leading publisher of science and health information

ScienceDirect™

SCOPUS

DiscoveryGate®

WINDHOVER

 **JEMS**  
.com

MD | CONSULT

**SCIRUS**  
for scientific information only

 **reaxys®**

illumin8



**Periodicals**

# ELSEVIER Online Tools

SciVerse

ScienceDirect

ELSEVIER

Type here to search on Elsevier.com



Advanced Product Search

Books & journals

Online tools

Authors, editors & reviewers

About Elsevier

Help

Store

Content resources & search tools

SciVerse Hub

SciVerse ScienceDirect

eClips Consult

MD Consult

Mosby's Nursing Consult

All Clinics Online

The Pink Sheet

PharmaPendium

Geofacets

Illumin8

Reaxys

Scirus

Elsevier Biofuel

ClinicalKey

Bibliographic databases

Embase

Biobase

Mosby's Index

SciVerse Scopus

Engineering Village

Interactive applications

BrainNavigator

SciVerse Applications

Interact Elsevier

Procedures Consult

Performance & planning

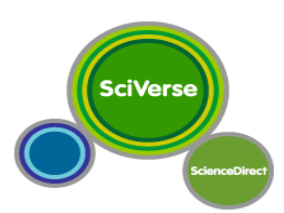
SciVal Suite

Evolve Hub

MEDai Pinpoint Suite

ElsevierAdvantage.com

CPMRC



# What is ScienceDirect?

---

- **ScienceDirect** is a leading full-text scientific database offering journal articles and book chapters from more than 2,500 peer-reviewed journals and more than 11,000 books.
- Publishes over **a quarter of the world's full text** scientific, technical and medical (STM) articles
- Over **11.5 million articles** are available online, including Articles in Press
- Coverage includes **over 2,500 journals** cross Scientific, Technical, Medical (STM) and Social Sciences and Humanities (SSH)
- **More than 11,000 books** published by Elsevier including Major Reference Works, Monographs, Books Series

# Dayton , Ohio : Home of ScienceDirect





## Physical Sciences and Engineering

[Chemical Engineering](#) | [Chemistry](#) | [Computer Science](#) | [Earth and Planetary Sciences](#) | [Energy](#) | [Engineering](#) | [Materials Science](#) | [Mathematics](#) | [Physics and Astronomy](#)



## Life Sciences

[Agricultural and Biological Sciences](#) | [Biochemistry, Genetics and Molecular Biology](#) | [Environmental Science](#) | [Immunology and Microbiology](#) | [Neuroscience](#)



## Health Sciences

[Medicine and Dentistry](#) | [Nursing and Health Professions](#) | [Pharmacology, Toxicology and Pharmaceutical Science](#) | [Veterinary Science and Veterinary Medicine](#)

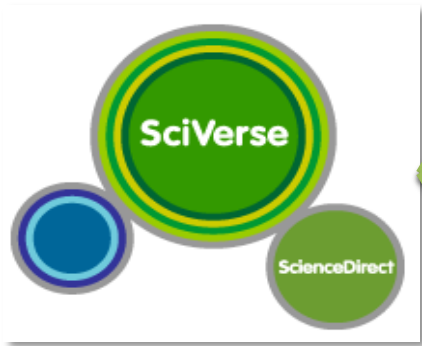


## Social Sciences and Humanities

[Arts and Humanities](#) | [Business, Management and Accounting](#) | [Decision Sciences](#) | [Economics, Econometrics and Finance](#) | [Psychology](#) | [Social Sciences](#)



# Features: Highlights



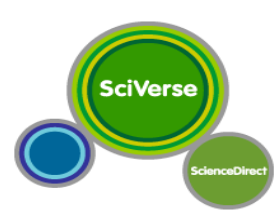
**No Limit on number of simultaneous users/number of downloads**

**Full-text Articles of Subscribed Collections**

**Abstracts of all journals (from Vol 1, Issue 1)**

**Full text formats: HTML & PDF**

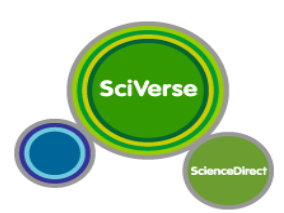




# How ScienceDirect can help you with your research?

---

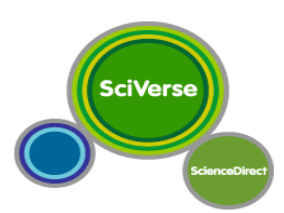
- Desktop access to over 11.5 million articles
- Powerful searching across all full-text articles & abstracts
- Dynamic reference links
- Customizable alerting services –
  - Journals and Books –Series
  - Search
  - topic
- ‘Cited by in Scopus’ feature enabling you to see all the other articles in Scopus that have cited the article you are interested in



## How ScienceDirect can help you with your research?

---

- Time-saving features such as 'export to citation' enabling you to automatically download article citations to your chosen program (ProCite, EndNote, Reference Manager, or ASCII)
- Search features allowing you to save, edit and re-run searches
- Top-25 articles in your subject areas
- Integrating external sources to deliver more insightful information.



# Introduction to ScienceDirect

---

- **Personalize ScienceDirect**
- **Search Content**
- **Review and refine search results**
- **Use the intuitive online article format**
- **Browse journal and book titles**
- **Enhance ScienceDirect with Applications**
- **Going Mobile**

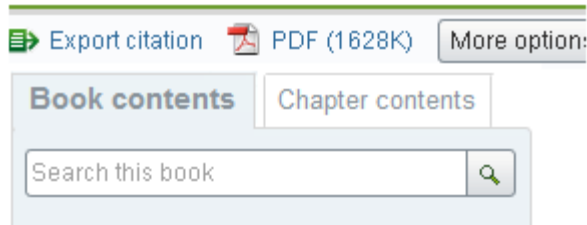
# Summer Release in 2012

- Redesign of article page now complete

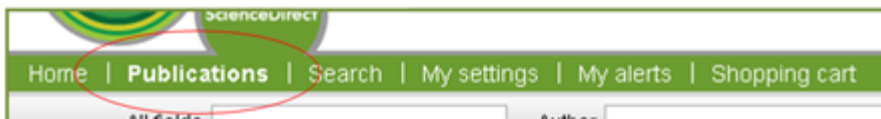


- New name for volume/issue alerts  
= Journals and Book - Series

- View chapters in context of entire book



- Improved browsing



- Responding to recent pain points
- Images Search
- Institution Banner/Logo

# Redesigned Homepage

[Hub](#) | [ScienceDirect](#) | [Scopus](#) | [Applications](#)

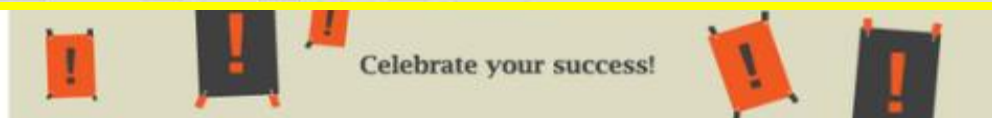
[Register](#) | [Login](#) | [Go to SciVal Suite](#)

You have **Guest** access to ScienceDirect. [Find out more...](#)

[Home](#) | [Publications](#) | [Search](#) | [My settings](#) | [My alerts](#) | [Shopping cart](#)

All fields:  Author:  Journal/Book title:  Volume:  Issue:  Page:  [Search](#)

[Advanced search](#) [? Search tip](#)



ScienceDirect summer release enhancements are now available, [learn more](#)

Browse 11,558,374 Articles

Browse by title

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | 0-9

Browse by subject

- ☐ Physical Sciences and Engineering
  - Chemical Engineering
  - Chemistry
  - Computer Science
  - Earth and Planetary Sciences
  - Energy
  - Engineering
  - Materials Science
  - Mathematics
  - Physics and Astronomy
- ☐ Life Sciences
  - Agricultural and Biological Sciences
  - Biochemistry, Genetics and Molecular Biology
  - Environmental Science
  - Immunology and Microbiology
  - Neuroscience
- ☐ Health Sciences
  - Medicine and Dentistry
  - Nursing and Health Professions
  - Pharmacology, Toxicology and Pharmaceutical Science
  - Veterinary Science and Veterinary Medicine

New update!

ScienceDirect

Make your work more simple



Quick Links

Favorite Journals / Books

[Manage Favorites](#)

You need to be **logged in** to customize and use Favorite Journals/Books.

Quick Links in ScienceDirect

- [Alerts](#)
- [Top-25 articles in my subject area](#)
- [ScienceDirect Info site](#)

Quick Links on the Web

- [Add to my Quick Links](#)
- [Submit an article](#)
- [Scopus - database of research literature](#)
- [Hub - SciVerse's integrated search platform](#)
- [Elsevier](#)

You need to be **logged in** to customize and use your Quick Links.

Latest News

Just released: a ScienceDirect update!

Read more about:

- After 25 August, look forward to the redesign of the article page, improved book chapter navigation, better browsing, and more.
- Keep up to date with the ScienceDirect Support Blog.

Follow [@ScienceDirect](#) on Twitter.

About ScienceDirect

Want to know more? The [SciVerse ScienceDirect Info site](#) has all the information you need to help you make the most of ScienceDirect.

Find out more about:

- Switching on Recent Actions
- Setting up Quick Links
- Setting up Alerts
- ... and Customize ScienceDirect now!

Content on ScienceDirect:

[Publishing Connect](#)

Check out the latest Training Webcasts

[View](#)

[Publishing Connect](#)  
Partnering with the Global Research Community



# Using Personal Functions

**Your details**

First name:  \*

Family name:  \*

[Privacy policy](#)

**E-mail and password**

Enter a password between 5 and 20 characters. Your e-mail address will be your username.

E-mail address:  \*

Password:  \*

Confirm password:  \*

**Your role and field of interest**

Your role:  \*

Please select at least one subject area of interest: \*

☐ Agricultural and Biological Sciences  
☐ Arts and Humanities  
☐ Biochemistry, Genetics and Molecular Biology  
☐ Business, Management and Accounting  
☐ Chemical Engineering  
☐ Chemistry

[Show alert & other settings](#)

☐ I wish to receive information from Elsevier B.V. and its affiliates concerning their products and services.

☒ I agree to the [Registered User Agreement](#).

**1** [Register](#) [Login](#)

Username:

Password:

☒ Remember me

| [Not Registered?](#)

[Forgotten your username or password?](#)

[Go to Athens login](#)  
[Go to Athens / Other Institution login](#)

[Remote access activation](#)

**Registration Successful**

Your personal ScienceDirect account has been created successfully. Your User Name is shown below. You will need this, along with the password you chose, every time you enter ScienceDirect. An e-mail will be sent to the e-mail address you specified confirming your registration.

**User Name:** lionelew1

Click the **Login Now** button below, then enter your User Name and Password in the ScienceDirect browser window to login.

[Setting up Alerts ... and Customize ScienceDirect now!](#)

**Content on ScienceDirect:**

**1** Register Now

**3** Role & Field of Interest

**5** User-Login In

**2** User Registration

**4** Registered User Agreement  
E-Mail News Alert

# Advantages of Registration

Content	Log In _ User	No Log In _ User
<b>Search</b>		
Recent Action	Yes	-
Save search	Yes	-
Search History	Yes	-
<b>Quick Link</b>		
Favorite Journal / Book	Yes	-
Quick link in SD	Yes	-
Quick link on the Web	Yes	-
<b>Alert</b>		
Journal and Book-Series Alerts	Yes	-
Search Alerts	Yes	-
Topic Alerts	Yes	-
<b>SciVerse Applications</b>		
ScienceDirect Mobile	Yes	-
ScienceDirect Apps	Yes	-

# Using Personal Functions

Hub | ScienceDirect | Scopus | Applications

Nattaphol Sisuruk | Logout | Go to SciVal Suite

Brought to you by: Elsevier Asia Pacific

Home + Recent Actions | Publications | Search | My settings | My alerts | Help

Articles ☒ All fields  Author   
 Images ☐ Journal/Book title  Volume  Issue  Page   [Advanced search](#)  
[? Search tips](#)

...with Illustration Services from Elsevier's WebShop

**Browse** 11,558,374 Articles

**Browse by title**

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | 0-9

**Browse by subject**

- ☒ **Physical Sciences and Engineering**
  - Chemical Engineering
  - Chemistry
  - Computer Science
  - Earth and Planetary Sciences
  - Energy
  - Engineering
  - Materials Science
  - Mathematics
  - Physics and Astronomy
- ☒ **Life Sciences**
  - Agricultural and Biological Sciences
  - Biochemistry, Genetics and Molecular Biology
  - Environmental Science
  - Immunology and Microbiology
  - Neuroscience
- ☐ **Health Sciences**

**Recent Actions** [Turn off](#)

All (0) | [Searches \(0\)](#) | [Full text \(0\)](#) | [Journals/Books \(0\)](#)

[View more](#) | [Clear all](#)

This list displays your recent actions (up to the last 100) while you are logged in.

**Quick Links**

**Favorite Journals / Books**

- [Manage Favorites](#)
- [Achieving Market Integration](#)

**Quick Links in ScienceDirect**

No links found

- [Alerts](#)
- [Recall Saved Searches](#)
- [Top-25 articles in my subject area](#)
- [ScienceDirect Info site](#)

**Quick Links on the Web**

**Latest News**

- We are aware of issues with duplicate journal and book-series alerts (a.k.a volume-issue alerts). We will be posting updates through the [support blog](#).

Read more about:

- Launched per 25 August: [redesign of the article page](#), [improved book chapter navigation](#), [better browsing](#), and more.
- Keep up to date with the [ScienceDirect Support Blog](#).

Follow [@ScienceDirect](#) on Twitter.

**About ScienceDirect**

Want to know more? The [SciVerse ScienceDirect Info site](#) has all the information you need to help you

**Publishing Connect**

Check out the latest Training Webcasts

[view](#)

1

History (100 records)  
Recent Results

2

Quick Links  
Favorite Journals/Books

3

My Settings  
(Change personal details)

4

My Alerts  
(Search | Topic | Volume | Issue)

**Search effectively supports the four most frequent research tasks and is available on every page:**

- A specific title
- A specific article by publication/ vol./ issue page search
- A specific author name
- Related articles by searching specific terms
- Images Search - \*New Feature\*

Browse  
Browse  
A | B | C  
O | P | Q  
Browse

## Physical Sciences and Engineering

- Chemical Engineering
- Chemistry
- Computer Science
- Earth and Planetary Sciences
- Energy
- Engineering
- Materials Science
- Mathematics
- Physics and Astronomy

## Life Sciences

- Agricultural and Biological Sciences
- Biochemistry, Genetics and Molecular Biology
- Environmental Science
- Immunology and Microbiology
- Neuroscience

This list displays your recent actions (up to the last 100) while you are logged in.

### Quick Links

#### Favorite Journals / Books

- ♥ Manage Favorites
- Achieving Market Integration

#### Quick Links in ScienceDirect

No links found

- Alerts
- Recall Saved Searches
- Top-25 articles in my subject area
- ScienceDirect Info site

#### Quick Links on the Web

### support blog.

Read more about:

- Launched per 25 August: [redesign of the article page, improved book chapter navigation, better browsing, and more.](#)
- Keep up to date with [the ScienceDirect Support Blog](#).

Follow [@ScienceDirect](#) on Twitter.

### About ScienceDirect

Want to know more? The [SciVerse ScienceDirect Info site](#) has all the information you need to help you

 Publishing Connect

Check out the latest Training Webcasts

[view](#)

Articles ☒ All fields "Computer Science" Author   
 Images ☐ Journal/Book title  Volume  Issue  Page

193,086 articles found for: ALL("Computer Science")

☒ = Full-text available ☐ = Abstract only

Go to page: 1 of 3862

### Search within results

### Refine results

### Content Type

- ☐ Journal (187,805)  
☐ Book (7,874)  
☐ Reference Work (663)

### Journal/Book Title

- ☐ Theoretical Computer Science (10,551)  
☐ Electronic Notes in Theoretical Computer Science... (5,303)  
☐ Information Processing Letters (4,572)  
☐ Pattern Recognition (3,779)  
☐ Information Sciences (2,891)  
[view more](#)

### Topic

- ☐ computer science (9,646)  
☐ theoretical computer (4,294)

Sort by: **Relevance** | Date

1 ☐ ☒ **The computer science education crisis: fact or illusion?** Original Research Article  
*Interacting with Computers*, Volume 9, Issue 1, August 1997, Pages 27-45  
 Hyacinth S. Nwana  
  [Related articles](#) | [Related reference work articles](#)

2 ☐ ☒ **Architects of the Information Society: Thirty-Five Years of the Laboratory for Computer Science at MIT by Simson L. Garfinkel, edited by Hal Abelson**  
*Endeavour*, Volume 24, Issue 2, 1 June 2000, Page 94  
 R.W. Seidel  
  [Related articles](#) | [Related reference work articles](#)

3 ☐ ☒ **First Steps Towards a Visualization-Based Computer Science Hypertextbook as a Moodle Module** Original Research Article  
*Electronic Notes in Theoretical Computer Science*, Volume 224, 1 January 2009, Pages 47-56  
 Guido Rößling, Teena Vellaramkalayil  
  [Related articles](#) | [Related reference work articles](#)

4 ☐ ☒ **Computer science teachers' certification program** Original Research Article  
*Computers & Education*, Volume 25, Issue 3, November 1995, Pages 163-168  
 Judith Gal-Ezer  
  [Related articles](#) | [Related reference work articles](#)

5 ☐ ☒ **Another view of computer science ethics: Patterns of responses among computer scientists** Original Research Article

1 Search Results

2 Search Alert  
(Save & RSS Feed)

3 Search Refine  
(Limit to or Exclude)

4 Sorting Option  
(Relevance or Date)

5 Access Rights

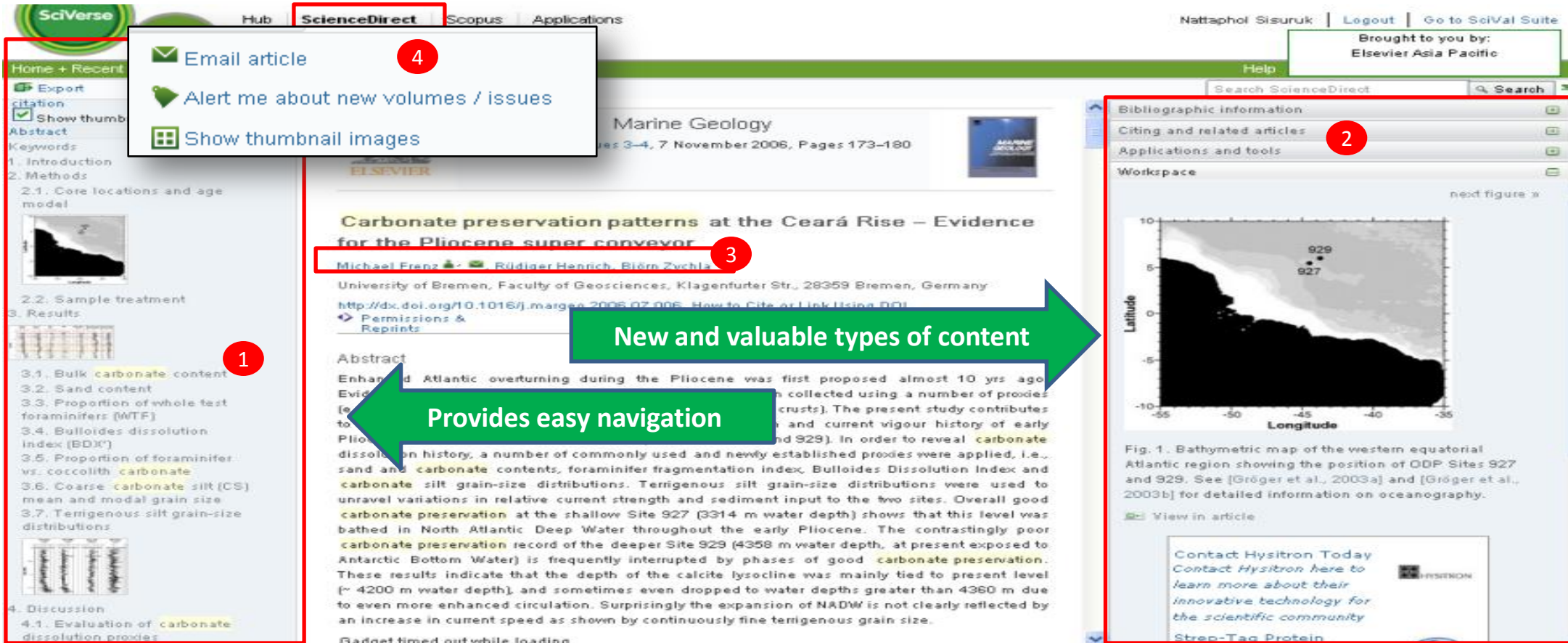
6 Display Article Pages  
(HTML or Abstracts)

7 Export Citations Information

8 Batch Download of PDFs



# Use the Intuitive Online Article Format



SciVerse | Hub | **ScienceDirect** | Scopus | Applications

Nattaphol Sisuruk | Logout | Go to SciVal Suite

Brought to you by: Elsevier Asia Pacific

Home + Recent

Export citation

Show thumbnail images

Abstract

Keywords

1. Introduction

2. Methods

2.1. Core locations and age model

2.2. Sample treatment

3. Results

3.1. Bulk carbonate content

3.2. Sand content

3.3. Proportion of whole test foraminifers (WTF)

3.4. Bulloides dissolution index (BDI)

3.5. Proportion of foraminifer vs. coccolith carbonate

3.6. Coarse carbonate silt (CS) mean and modal grain size

3.7. Terrigenous silt grain-size distributions

4. Discussion

4.1. Evaluation of carbonate dissolution proxies

Marine Geology

Pages 3–4, 7 November 2006, Pages 173–180

**Carbonate preservation patterns at the Ceará Rise – Evidence for the Pliocene super conveyor**

Michael Franz, Rüdiger Henrich, Björn Zychla

University of Bremen, Faculty of Geosciences, Klagenfurter Str. 28359 Bremen, Germany

<http://dx.doi.org/10.1016/j.margeo.2006.07.006> How to Cite or Link Using DOI

Permissions & Reprints

Abstract

Enhanced Atlantic overturning during the Pliocene was first proposed almost 10 yrs ago. Evidence was collected using a number of proxies (e.g., foraminifers, crusts). The present study contributes to the understanding of the past and current vigour history of early Pliocene (Site 927 and 929). In order to reveal carbonate dissolution history, a number of commonly used and newly established proxies were applied, i.e., sand and carbonate contents, foraminifer fragmentation index, Bulloides Dissolution Index and carbonate silt grain-size distributions. Terrigenous silt grain-size distributions were used to unravel variations in relative current strength and sediment input to the two sites. Overall good carbonate preservation at the shallow Site 927 (3314 m water depth) shows that this level was bathed in North Atlantic Deep Water throughout the early Pliocene. The contrastingly poor carbonate preservation record of the deeper Site 929 (4358 m water depth), at present exposed to Antarctic Bottom Water, is frequently interrupted by phases of good carbonate preservation. These results indicate that the depth of the calcite lysocline was mainly tied to present level (~ 4200 m water depth), and sometimes even dropped to water depths greater than 4360 m due to even more enhanced circulation. Surprisingly the expansion of NADW is not clearly reflected by an increase in current speed as shown by continuously fine terrigenous grain size.

Gadget timed out while loading

Bibliographic information

Citing and related articles

Applications and tools

Workspace

next figure »

Fig. 1. Bathymetric map of the western equatorial Atlantic region showing the position of ODP Sites 927 and 929. See [Gröger et al., 2003a] and [Gröger et al., 2003b] for detailed information on oceanography.

View in article

Contact Hysitron Today  
Contact Hysitron here to learn more about their innovative technology for the scientific community  
Step-Tag Protein

1

Navigator Bar

3

Author Information

2

New and valuable types of content

4

More Options  
(Email | Alert | Images)

# Searching for Images

Hub | ScienceDirect | Scopus | Applications

Home + Recent Actions | Publications | Search | My settings | My alerts

Articles ☐ Images ☐ Journal/Book title ☐ Author

15,315 images found for: ALL(gis) Save this search

< Previous page results 1 - 24 Next page >

☐ = Full-text available ☐ = Abstract only

**Search within results**

Search

**Refine Image results**

**Limit To** **Exclude**

**Image Type**

☐ Figure (15,311)

☐ Video (4)

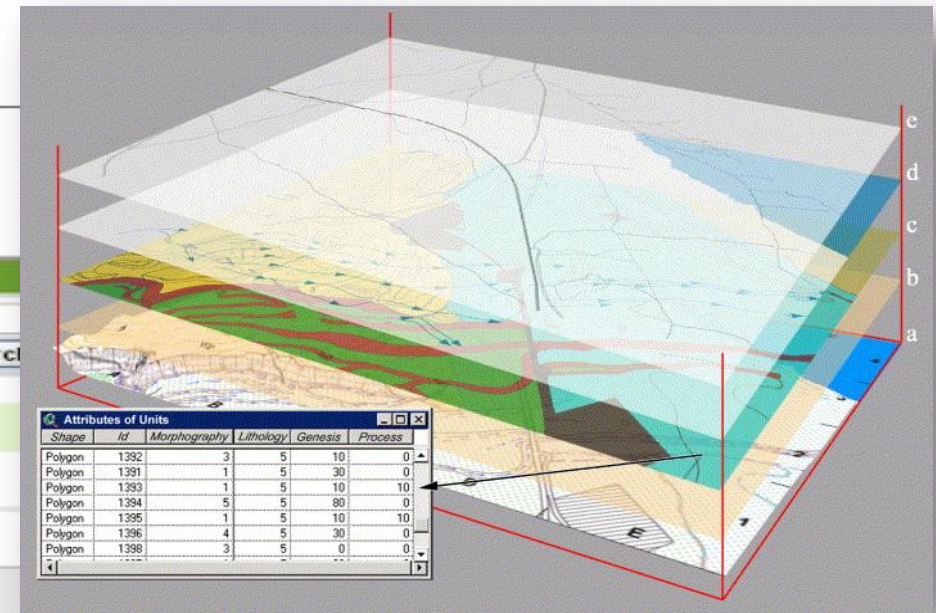
**Content Type**

☐ Journal (14,955)

☐ Book (505)

☐ Reference Work (139)

Journal/Book Title



Download multiple article PDFs

**3** GIS version of the Bonās map. For further information, see the text on the GIS version of this area.

**4** ☐ View within article | [Related Images](#) [Article PDF \(753 k\)](#) ☐ View within article | [Related Images](#) [Article PDF \(1624 k\)](#)

- 1 Image Search (Figure | Video)
- 2 Refine Image Results
- 3 Enlarge View
- 4 Display Full Text (View within article or PDF)

SciVerse ScienceDirect Hub | ScienceDirect | Scopus | Applications

Nattaphol Sisuruk | [Logout](#) | [Go to SciVal Suite](#)

Brought to you by:  
Elsevier Asia Pacific

Home + Recent Actions | Publications | **Search** | My settings | My alerts

Articles ☒ All fields  Author   
Images ☐ Journal/Book title  Volume  Issue  Page

[Advanced search](#)  
[? Search tips](#)

Celebrate your success!

**All Sources** | Journals | Books | Reference Works | Images | **Advanced search** | [Expert search](#)

[? Search tips](#)

Search  
GPS in All Fields  
AND  
Thailand in Affiliation

Include  
☒ Journals ☒ All Books

Source  
All sources

Subject (select one or more)  
All Sciences  
Agricultural and Biological Sciences  
Arts and Humanities  
Biochemistry, Genetics and Molecular Biology

Date Range  
☒ All Years ☐ 2002 to: Present

| [Recall search](#)

Affiliation  
All Fields  
Abstract, Title, Keywords  
Authors  
Specific Author  
Source Title  
Title  
Keywords  
Abstract  
References  
ISSN  
ISBN  
Affiliation  
Full Text



# Elsevier journals (57 titles out of 232 categories, based on JCR 2012)



# Publications

Home + Recent Actions | **Publications** | Search | My settings | My alerts

Help

Articles ☒

All fields

Author

[Advanced search](#)

Images ☐

Journal/Book title

Volume

Issue

Page

**Search**

[? Search tips](#)

Celebrate your success!

11029 titles found

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0-9 All

Title

**Content type**

Full-text

AASRI Proced

Journal

ABC Proteins

Book

Abernathy's Surgical Secrets (Sixth E

Book

Ableton Live 8 and Suite 8

Book

hemodialys

Book

gy

Book

Academic Pediatrics

Journal

Academic Radiology

Journal

ACC Current Journal Review

Journal

Accelerated Quality and Reliability Solutions

Book

Accelerated Testing and Validation

Book

Browse by Subject

[Edit](#)

Browse by Favorites

Browse Alphabetically

☒ Journals (3143)

☒ All Book Content (7886)

☒ Books (7395)

☒ Book Series (302)

☒ Handbooks (69)

☒ Reference Works (120)

☐ Display Series Volume Titles

☐ Show full-text available only

**Apply**

**Browse & Journals /  
Books Content**

**Click on title to go  
to journal  
homepage**

Make sure  
your paper  
stands out  
from the  
crowd...





# Advances in Engineering Software

Copyright © 2012 Elsevier Ltd. All rights reserved.

**Publication History:** Formerly known as *Advances in Engineering Software and Workstations*; Incorporating *Computing Systems in Engineering*;

[Sample Issue Online](#) | [About this Journal](#) | [Submit your Article](#) | [Shortcut link to this Title](#)

[New Article Feed](#)

[Add to Favorites](#)

[Alert me about new Volumes / Issues](#)

Reading the index from the Journal homepage

[< Previous vol/iss](#) | [Next vol/iss >](#)

Font Size: [A](#) [A](#)

[Add to my Quick Links](#)

Volume 48, Pages 1-88 (June 2012)

articles 1 - 10

= Full-text available  
 = Abstract only

## Articles in Press

- Volume 48 (2012)
- Volume 48 pp. 1-88 (June 2012)
- Volume 47 (2012)
- Volume 46 (2012)
- Volume 45 (2012)
- Volume 44 (2012)
- Volume 43 (2012)
- Volume 42 (2011)
- Volume 41 (2010)
- Volume 40 (2009)
- Volume 39 (2008)
- Volume 38 (2007)
- Volume 37 (2006)
- Volume 36 (2005)
- Volume 35 (2004)
- Volume 34 (2003)
- Volume 33 (2002)
- Volume 32 (2000 - 2001)
- Volume 31 (2000)
- Volume 30 (1999)
- Volume 29 (1998)
- Volume 28 (1997)

[E-mail articles](#) | [Export citations](#) | [PDF downloader](#) | [Open all previews](#)

### 1 [IFC: Editorial Board/Publishing Info](#)

Page IFC

[Show preview](#) | [PDF \(30 K\)](#) | [Related articles](#) | [Related reference work articles](#)

### 2 [Vibrational analysis of curved single-walled carbon nanotube on a Pasternak elastic foundation](#) Original Research Article

Pages 1-5

I. Mehdipour, A. Barari, A. Kimiaeifar, G. Domairry

[Close preview](#) | [PDF \(715 K\)](#) | [Related articles](#) | [Related reference work articles](#)

[Abstract](#) | [Figures/Tables](#) | [References](#)

#### Figures

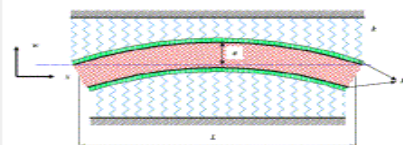
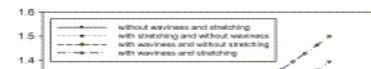


Fig. 1. Model of an embedded curved carbon nanotube in an elastic Pasternak-type foundation.



1 Access Rights

4 Export Bibliographic Information - Citations

7 Journal Information

2 Volume List (Articles in Press)

5 View all Previews

8 Author Submission Services

3 Display Article Page (HTML or PDF)

6 Volumes/Issues Alert or RSS Feed (Registered Users only)

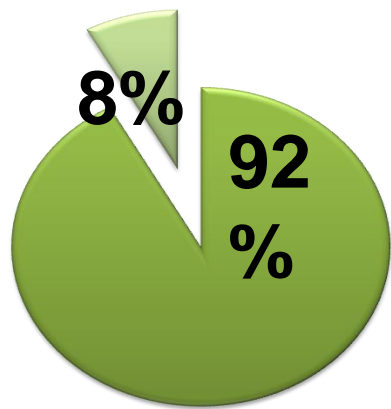
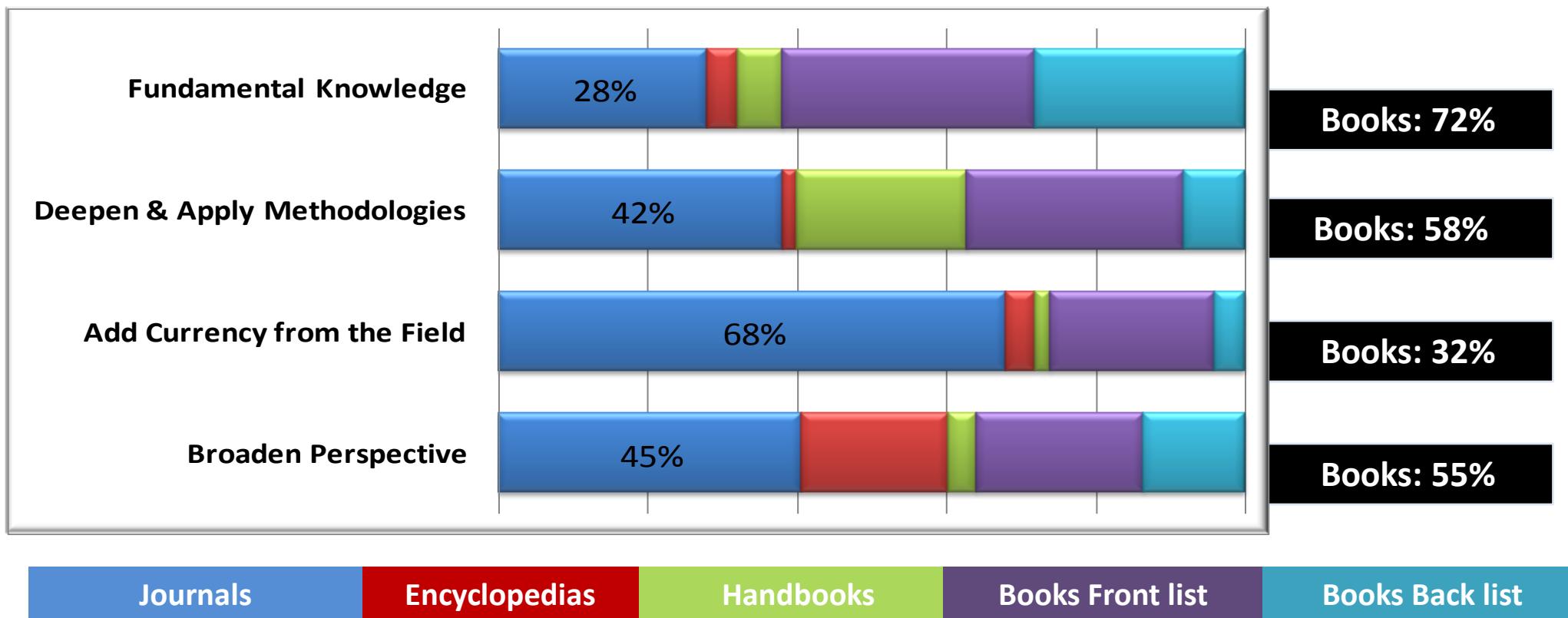
# Online Submission - Author

- **Elsevier Editorial System (ESS)**

- Submit articles online using Elsevier Editorial System
- It lists information about each journal, the submission standards, support information, etc.
- Email: [authorsupport@elsevier.com](mailto:authorsupport@elsevier.com)

The screenshot displays the Elsevier Editorial System (ESS) interface for the journal *Developmental Biology*. The top navigation bar includes links for Home, Products, Alerts, User Resources, About Us, Support & Contact, and Elsevier Websites. A search bar is prominently featured. The main content area is titled "Developmental Biology" and identifies it as an official journal of the Society for Developmental Biology. A sidebar on the left provides "Actions" such as "Submit Article", "Order Journal", "Recommend to Friend", "Bookmark this Page", and "Subscribe to RSS feed", along with "Facts & Figures" including the Impact Factor (4.379) and 5-Year Impact Factor (4.689). The central section highlights "Sponsored Articles" and features a "LATEST IMPACT FACTOR 4.379" badge. A right-hand sidebar lists "Additional Information" including the Editorial Board, Peer review policy, Readers (Access Full-Text, Volume/Issue Alert), Authors (Submit an Article, Track Your Accepted Articles, Guide for Authors, Author Information Pack, Webshop), Librarians (Ordering Information and Dispatch Dates, Abstracting/Indexing), Editors (Article Tracking for Editors), and Reviewers (Reviewer Guidelines, Log in as Reviewer). The bottom section, titled "From the Society for Developmental Biology: Announcement", lists recent articles, with the first being "The Function of FGF Signaling in the Lens Placode" by Claudia M. Garcia et al., published online on 9 January 2011.

# The Value of Book Content to the Research Workflow



**92% of researchers say they regularly perform cross-disciplinary research. Having access to Fundamental knowledge [Books] across diverse subjects is essential.**

Source: global survey responses from 500 researchers & librarians, Elsevier & S.M.S. Research, 2009

# eBooks Package at RMUTT

- **Energy 2007**
- **Engineering 2008**
- **Energy 1995 - 2006 (2012)**



# Discover eBooks on ScienceDirect

Hub | ScienceDirect | Scopus | Applications

Nattaphol Sisuruk | [Logout](#) | [Go to SciVal Suite](#)

Brought to you by:  
Elsevier Asia Pacific

[Home](#) | [Recent Actions](#) | [Publications](#) | [Search](#) | [My settings](#) | [My alerts](#)

[Help](#)

Articles ☒ All fields  Author   
Images ☐ Journal/Book title -- This Journal/Book -- Volume  Issue  Page  [Search](#)

[Advanced search](#)

[? Search tips](#)

Request a free, no-obligation quote today!

**WebShop**  
webshop.elsevier.com



## Face Processing

Advanced Modeling and Methods

Copyright © 2005 Elsevier Inc. All rights reserved

*Edited by: Wenyi Zhao and Rama Chellappa*

ISBN: 978-0-12-088452-0

[About this Book](#) | [Shortcut link to this Title](#)

[Add to Favorites](#)

☒ = Full-text available ☐ = Abstract only

### Table of Contents

☒ Contributors, Pages xi-xii

[Show preview](#) | [PDF \(94 K\)](#) | [Related articles](#) | [Related reference work art](#)

☒ Preface, Pages xiii-xv

[Show preview](#) | [PDF \(193 K\)](#) | [Related articles](#) | [Related reference work a](#)

☒ Part 1: The basics

☒ Part 2: Face modeling

☒ Part 3: Advanced methods

☒ Index, Pages 707-738

[Show preview](#) | [PDF \(1212 K\)](#) | [Related articles](#) | [Related reference work](#)

Click on the **Chapter Title** to view the article display page for more information and to download the chapter.

Font Size: [A](#) [A](#)

**Publishing Connect**

Check out the latest  
Training  
Webcasts

[view](#)



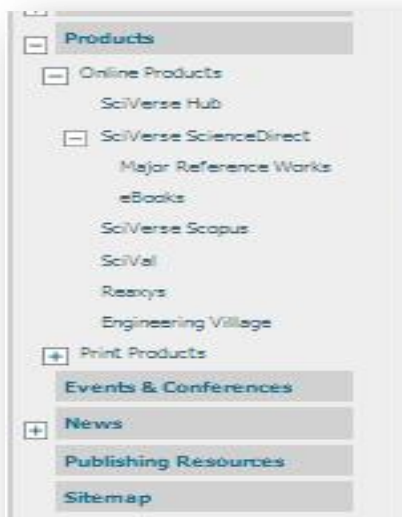
The screenshot displays the ScienceDirect interface. At the top, there are navigation links for 'Hub', 'ScienceDirect', 'Scopus', and 'Applications'. A user profile for 'Nattaphol Sisuruk' is visible with links for 'Logout' and 'Go to SciVal Suite'. A banner indicates the content is 'Brought to you by: Elsevier Asia Pacific'. The main navigation bar includes 'Home + Recent Actions', 'Publications', 'Search', 'My settings', 'My alerts', and 'Help'. Below this, there are links for 'Export citation', 'PDF (2138 K)', and 'More options...'. A search bar is present with the text 'Search ScienceDirect' and a 'Search' button. The left sidebar is highlighted with a red box and contains the following content:

- Book contents** (highlighted)
- Chapter contents
- Search this book
- Contributors
- Preface
- Part I: The basics
- Part 2: Face modeling
  - Chapter 4 - 3D Morphable face model, a unified approach for analysis and synthesis of images** (highlighted)
  - Publisher Summary (highlighted)
  - References
  - Chapter 5 - Expression-invari...
  - Chapter 6 - 3D Face modelin...
  - Chapter 7 - Face modeling by...
  - Chapter 8 - Face recognition ...
  - Chapter 9 - Predicting human...

The main content area is titled 'Face Processing: Advanced Modeling and Methods' and features a green box with the text 'Book & Chapter Contents'. Below this, the 'Publisher Summary' is displayed, starting with: 'This chapter focuses on the 3D morphable model (3DMM), a unified approach for the analysis and synthesis of images. This model uses the 3D representation and the correspondence principle to account for any individual, viewed from any angles and under any light direction. The chapter discusses the parameters of variation in images of human faces, two- or three-dimensional image models, image analysis by model fitting, and a morphable face model. It also compares fitting algorithms including point-distribution model and active-shape model, inverse compositional image alignment algorithm, 2d+3d active-appearance model, linear shape and texture fitting algorithm. The second component of an analysis-by-synthesis loop is the model inversion, or analyzing algorithm. The most general and accurate algorithm proposed so far is the stochastic Newton optimization (SNO), whose update at each interaction is based on the first and second derivatives of a MAP energy function. The first derivatives are computed at each interaction, thereby, favoring accuracy over efficiency. A stochastic optimization scheme reduces the risk of locking into a local minimum. Additionally to SNO that gives greater importance to accuracy and generality, there are other

# eBooks Subject Landing Page

<http://asia.elsevier.com/ebooks>




## Elsevier eBooks by Subject:

- Agricultural & Biological Sciences
- Biochemistry, Genetics & Molecular Biology
- Business Management, Hospitality & Tourism
- Chemical Engineering
- Chemistry
- Computer Science
- Earth & Planetary Sciences
- Energy
- Engineering
- Environmental Science
- Finance
- Forensics
- Immunology & Microbiology
- Materials Science
- Mathematics
- Media Technology
- Medicine & Dentistry
- Neuroscience
- Pharmacology, Toxicology & Pharmaceutical Science
- Physics & Astronomy
- Psychology
- Veterinary Medicine

- **Batch Download and Automatic Naming**

- Download multiple PDF files and assign them names based on specified rules (Author, Publication Year, Article Title, journal, etc)
- Maximum number of PDF files – 20 per download
- Java required


Document Download Manager - Powered by QUOSA™
Close

Help

To download the selected PDFs, select your preferences and click **Begin Download**.

**Download Options**



Select PDF file naming: (First Author)\_(Publication Year)\_(Publication Name).pdf Create my own | Remove Item

Download to: C:\Documents and Settings\takahashis\My Documents Browse...

☒ Download abstract if full text is not available

Begin Download

**Please note:** The full-text of non-subscribed articles will not be downloaded. However, you may be able to access these articles under your organization's agreement with ScienceDirect or by purchasing them with a credit card. Return to ScienceDirect and access each article individually for more options.

Document Title	Format	Availability	Download Status
Normal stem cells and cancer stem cells: similar and different		(PDF full text)	<span>Complete</span>
Stem cells today: B1. Bone marrow stem cells		(abstract only)	<span>Complete</span>

Articles ☒ All fields  Author   
 Images ☐ Journal/Book title  Volume  Issue  Page

[Advanced search](#)[? Search tips](#)

## Alerts in ScienceDirect :

- Search Alert
- Topic Alert
- Search Journals and Book – Series Alert

**WebShop**  
webshop.elsevier.com

[Add to my Quick Links](#)

### Search alerts

[Add search alert](#)

Alert name	Alert view	Alert frequency	Alert actions	Search feed
GIS_GPS	<a href="#">Latest results</a>   <a href="#">Archive</a>	Monthly	<a href="#">Modify</a>   <a href="#">Delete</a>	

\* Search Alerts will be set to inactive if they are not used for an extended period of time. Click on Modify link to activate an Inactive Search Alert.

If you are unsure of how to create a Search Alert, please try one of our pre-made [Topic Alerts](#).

### Topic alerts

These alerts are sent to sisuruk@hotmail.com. Modify the e-mail address and e-mail format setting in your [profile](#).

[Add/Delete topic alerts](#)

Alert name	Alert view	Alert frequency	Alert actions	Topic feed
Aerospace Sciences	<a href="#">Latest results</a>   <a href="#">Archive/Details</a>	Weekly	<a href="#">Delete</a>	

### Journal and book-series alerts

These alerts are sent to sisuruk@hotmail.com. Modify the e-mail address and e-mail format setting in your [profile](#).

[Add/Delete journal and book-series alerts](#)

Alert name	Publication type	Alert view	Alert frequency	Alert actions	Article feed
Academic Pediatrics	Journal	<a href="#">Articles in Press</a>   <a href="#">Latest Volume/Issue</a>	As Published	<a href="#">Delete</a>	

Publish  
Connect

Check out  
the latest  
Training  
Webcasts


[view](#)

Publish  
Connect

Partnering with the GLI



# Top 25 Hottest Articles



www.sciencedirect.com

**select your interest**

Engineering ▼

[all journals] ▼

**browse top 25 archive**

Current: January to December 2011 full year ▼

**show my alerts**

**sign up now!** for the e-mail alerts

e-mail address  ➔ ⓘ


**Tell other people about this service** ➔

[Contact Top 25 Team](#)

[About the Top 25](#)

[Sitemap](#)

Download the **SciVerse ScienceDirect** App today!  
Available for iPhone, iPad, Blackberry and Android devices. ➔



## Top 25 Hottest Articles

Engineering  
January to December 2011 full year

RSS
Blog This!
Print
Show condensed

- 1. Synthesis and surface engineering of iron oxide nanoparticles for biomedical applications** \* Review article  
*Biomaterials*, Volume 26, Issue 18, June 2005, Pages 3995-4021  
 Gupta, A.K.; Gupta, M.  
Cited by SciVerse Scopus (1440)

B
- 2. An electro-mechanical impedance model of a cracked composite beam with adhesively bonded piezoelectric patches** \* Article  
*Journal of Sound and Vibration*, Volume 330, Issue 2, January 2011, Pages 287-307  
 Yan, W.; Cai, J.B.; Chen, W.G.  
Cited by SciVerse Scopus (1)

B
- 3. Wireless sensor networks: a survey** \* Article  
*Computer Networks*, Volume 38, Issue 4, March 2002, Pages 393-422  
 Akyildiz, I.F.; Su, W.; Sankarasubramaniam, Y.; Cayirci, E.  
Cited by SciVerse Scopus (4686)

B
- 4. Effect of process parameters on electroless plating and nickel-ceramic composite membrane characteristics** \* Article  
*Desalination*, Volume 268, Issue 1-3, March 2011, Pages 195-203  
 Bulasara, V.K.; Thakuria, H.; Uppaluri, R.; Purkait, M.K.  
Cited by SciVerse Scopus (5)

B
- 5. Production of liquid biofuels from renewable resources** \* Review article  
*Progress in Energy and Combustion Science*, Volume 37, Issue 1, February 2011, Pages 52-68  
 Nigam, P.S.; Singh, A.  
Cited by SciVerse Scopus (33)

B
- 6. Nickel-ceramic composite membranes: Optimization of hydrazine based electroless plating process parameters** \* Article  
*Desalination*, Volume 275, Issue 1-3, July 2011, Pages 243-251  
 Bulasara, V.K.; Thakuria, H.; Uppaluri, R.; Purkait, M.K.  
Cited by SciVerse Scopus (1)

B
- 7. Wireless sensor network survey** \* Article  
*Computer Networks*, Volume 52, Issue 12, August 2008, Pages 2292-2330  
 Yick, J.; Mukherjee, B.; Ghosal, D.  
Cited by SciVerse Scopus (572)

B
- 8. Graphene and graphite nanoribbons: Morphology, properties, synthesis, defects and applications** \* Review article  
*Nano Today*, Volume 5, Issue 4, August 2010, Pages 351-372  
 Terrones, M.; Botello-Mendez, A.R.; Campos-Delgado, J.; Lopez-Urias, F.; Vega-Cantu, Y.I.; Rodriguez-Macias, F.J.; Elias, A.L.; Munoz-Sandoval, E.; Cano-Marquez, A.G.; Charlier, J.C.; Terrones, H.  
Cited by SciVerse Scopus (32)

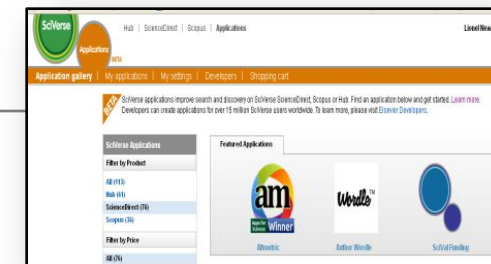
B
- 9. Surface plasmon resonance sensors: review** \* Article  
*Sensors and Actuators B: Chemical*, Volume 54, Issue 1-2, January 1999, Pages 3-15

B

Free quarterly alerting service on the Top 25 most downloaded articles per journal title or per subject area



## [SciVerse Applications Gallery](#) – ScienceDirect Apps



Provides third-party applications that enhance your research with SciVerse suite of products. Applications work directly with Elsevier products like ScienceDirect, providing solutions that are targeted to your specific interests and workflow.



### [Send to Dropbox](#)

Apps for Science Challenge application! Send PDF articles directly to your Dropbox account.



### [Send to Kindle](#)

Send articles directly to your Kindle via your Amazon free.kindle.com email address. You can send articles as resizable HTML or journal native PDF.



### [iSpeech Audio Reader](#)

iSpeech Audio Reader reads your ScienceDirect articles aloud using iSpeech's high quality text to speech engine.



### [Recommend This!](#)

Recommend This! allows you to recommend an article in ScienceDirect to Facebook™. This application was built using the ScienceDirect and the Facebook Like Button APIs.



### [Genome Viewer](#)

The Genome Viewer provides functionality for viewing and analyzing sequence data of genes mentioned in articles in ScienceDirect.



### [eReader Formats](#)

The eReader Formats application allows users to convert ScienceDirect articles as seen in the browser into ePUB or Mobipocket format, whichever is appropriate for the user's electronic reader device.



### [Co-Author Network](#)

Identify the most prolific authors for a particular search term and view a visual network of their co-authors including strength of connection. Identify connections and individuals to track for future reference.

# SciVerse Applications

SciVerse ScienceDirect Applications BETA

Hub | ScienceDirect | Scopus | Applications

Nattaphol Sisuruk | Logout | Go to SciVerse

Application gallery | My applications | My settings | Developers | Shopping cart

**BETA** SciVerse applications improve search and discovery on SciVerse ScienceDirect, Scopus or Hub. Find an application below and get started. [Learn more.](#)  
Developers can create applications for over 15 million SciVerse users worldwide. To learn more, please visit [Elsevier Developers](#).

SciVerse Applications

Search Applications  
by Application Title or Developer

Filter by Product

All  
Hub  
ScienceDirect  
Scopus

Filter by Price

All  
Free  
Paid

[View Labs Applications](#)

SciVerse Applications BETA

Hub | ScienceDirect | Scopus | Applications

Nattaphol Sisuruk | Logout

Application gallery | **My applications** | My settings | Developers | Shopping cart

## My applications

[View transaction history](#)  
[Update saved payment information](#)

Application	Product	Access type	Begin date	End date	Actions	What's this?
PANGAEA Related Data	ScienceDirect, Scopus	Personal	06 Jul 2012		<a href="#">Remove</a>	
Share	Hub, ScienceDirect, Scopus	Personal	23 Aug 2011		<a href="#">Remove</a>	
Search Translator	Hub	Personal	23 Aug 2011		<a href="#">Remove</a>	
iSpeech Audio Reader	ScienceDirect	Personal	23 Aug 2011		<a href="#">Remove</a>	
Table Download	ScienceDirect	Personal	26 Apr 2011		<a href="#">Remove</a>	
eReader Formats	ScienceDirect	Personal	14 Nov 2010		<a href="#">Remove</a>	
Izmir Institute of Technology Ca...	Hub, ScienceDirect, Scopus	Institution	05 Jul 2011		<a href="#">Hide</a>	
AcroMine	ScienceDirect	Institution	05 Jul 2011		<a href="#">Hide</a>	
Matching Sentences	Hub	All Users	11 Sep 2011		<a href="#">Hide</a>	

Be the first to review this application!

Free

## Abstract

References (36)

### Fuzzy Sets and Systems

Volume 159, Issue 1, 1 January 2008, Pages 47-62

Theme: Fuzzy Relations, Aggregation Operators, Algebraic Aspects

doi:10.1016/j.fss.2007.06.012 | [How to Cite or Link Using DOI](#)

[Permissions & Reprints](#)

## The self-dual core and the anti-self-dual remainder of an aggregation operator

José Luis García

<sup>a</sup>Departamento de Matemática  
6, 47011 Valladolid

<sup>b</sup>Dipartimento di Matematica  
Trento, Italy

Received 7 September  
2007.

### Abstract

In most decisional models based on pairwise comparison between alternatives, the reciprocity of the individual preference representations expresses a natural assumption of rationality. In those models self-dual aggregation operators play a central role, in so far as they preserve the reciprocity of the preference representations in the aggregation mechanism from individual to collective preferences. In this paper we propose a simple method by which one can associate a self-dual aggregation operator to any aggregation operator on the unit interval. The resulting aggregation operator is said to be the self-dual core of the original one, and inherits most of its properties. Our method constitutes thus a new characterization of self-duality, with some technical advantages relatively to the traditional symmetric sums method due to Silvert. In our framework, moreover, every aggregation operator can be written as a sum of a self-dual core and an anti-self-dual remainder which, in some cases, seems to give some indication on the dispersion of the variables. In order to illustrate the method proposed, we apply it to two important classes of continuous aggregation operators with the properties of idempotency, symmetry, and stability for translations: the OWA operators and the exponential quasiarithmetic means.

**Keywords:** Aggregation operators; Self-duality; Symmetric sums; Self-dual core; Anti-self-dual remainder; Stability for translations; OWA operators; Exponential quasi-arithmetic means

iSpeech Audio Reader reads your ScienceDirect articles aloud using a high quality text to speech engine.

## Related Articles

- Lever aggregation operators  
*Fuzzy Sets and Systems*
- Semiautoduality in a restricted family of aggregation o...  
*Fuzzy Sets and Systems*
- Handling of neutral information by aggregation operator...  
*Fuzzy Sets and Systems*
- Absorbent tuples of aggregation operators  
*Fuzzy Sets and Systems*
- Fuzzy aggregation and averaging for group decision maki...  
*Knowledge-Based Systems*

[View more related articles](#)

## My Applications

[Add](#) | [Manage Applications](#)


 eReader Formats

 Table Download

 Share

 **iSpeech Audio Reader**

US English Male

Normal

Read aloud

Slow

Slower

Normal

Faster

Fast

Powered by [iSpeech](#)

☒ Recommend This!

[Show more applications](#)

[Hide Applications](#)

Cited by (8)

## Abstract

### Fuzzy Sets and Systems

Volume 159, Issue 1, 1 January 2008, Pages 47-54  
Theme: Fuzzy Relations, Aggregation Operators

doi:10.1016/j.fss.2007.06.012 | How to Cite or Link

Permissions & Reprints

## The self-dual core and aggregation operator

José Luis García-Lapresta<sup>a</sup>, and P.

<sup>a</sup>Departamento de Economía Aplicada (Matemáticas),  
6, 47011 Valladolid, Spain

<sup>b</sup>Dipartimento di Informatica e Studi Aziendali,  
Trento, Italy

Received 7 September 2006; revised 18 April 2007.

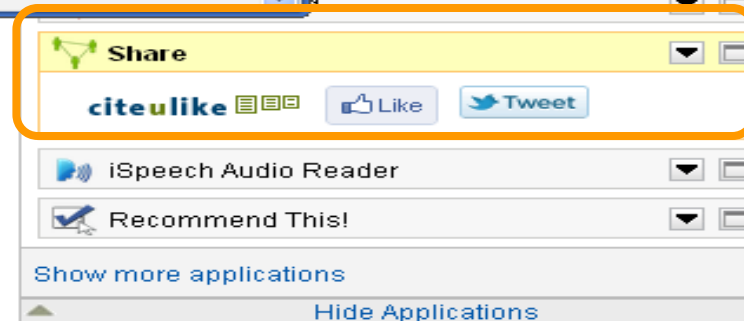
### Abstract

In most decisional models based on pairwise comparison between alternatives, the reciprocity of the individual preferences is assumed. In this paper, we propose a new method for the aggregation of individual preferences based on the self-dual aggregation operator. This method consists of a representation of the aggregation operator as a sum of a self-dual core and an anti-self-dual remainder. We propose a simple aggregation operator on the one hand, and inherit some of its properties. Our method constitutes thus a new characterization of self-duality, with some technical advantages relatively to the traditional symmetric sums method due to Silvert. In our framework, moreover, every aggregation operator can be written as a sum of a self-dual core and an anti-self-dual remainder which, in some cases, seems to give some indication on the dispersion of the variables. In order to illustrate the method proposed, we apply it to two important classes of continuous aggregation operators with the properties of idempotency, symmetry, and stability for translations: the OWA operators and the exponential quasiarithmetic means.

**Keywords:** Aggregation operators; Self-duality; Symmetric sums; Self-dual core; Anti-self-dual remainder; Stability for translations; OWA operators; Exponential quasi-arithmetic means



Share articles to Facebook, Twitter or CiteULike with your click.



### Cited by (8)

- A class of poverty measures induced by the dual decomposition...  
*International Journal of Uncertainty, Fuzziness and Kno...*
- Solving Chisini's functional equation



ScienceDirect and PANGAEA (Publishing Network for Geoscientific & Environmental Data) link contents for easier access to full earth system research

## Carbonate preservation patterns at the Ceará Rise – Evidence for the Pliocene super conveyor

Michael Frenz<sup>a</sup>, Rüdiger Henrich<sup>a</sup> and Björn Zychla<sup>a</sup>

<sup>a</sup>University of Bremen, Faculty of Geosciences, Klagenfurter Str., 28359 Bremen, Germany

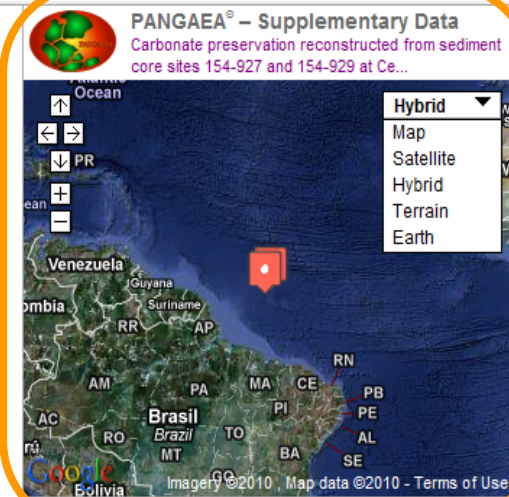
Received 19 July 2005; revised 19 June 2006; accepted 23 July 2006. Available online 25 September 2006.

### Abstract

Enhanced Atlantic overturning during the Pliocene was first proposed almost 10 yrs ago. Evidence for this Pliocene super conveyor scenario has been collected using a number of proxies (e.g., benthic  $\delta^{13}\text{C}$ , Nd isotopic composition of manganese crusts). The present study contributes to the existing evidences by using **carbonate** dissolution and current vigour history of early Pliocene sediments from the **Ceará Rise** (ODP Sites 927 and 929). In order to reveal **carbonate** dissolution history, a number of commonly used and newly established proxies were applied, i.e., sand and **carbonate** contents, foraminifer fragmentation index, Bulloides Dissolution Index and **carbonate** silt grain-size distributions. Terrigenous silt grain-size distributions were used to unravel variations in relative current strength and sediment input to the two sites. Overall good **carbonate preservation** at the shallow Site 927 (3314 m water depth) shows that this level was bathed in North Atlantic Deep Water throughout the early Pliocene. The contrastingly poor **carbonate preservation** record of the deeper Site 929 (4358 m water depth, at present exposed to Antarctic Bottom Water) is frequently interrupted by phases of good **carbonate preservation**. These results indicate that the depth of the calcite lysocline was mainly tied to present level ( $\sim 4200$  m water depth), and sometimes even dropped to water depths greater than 4360 m due to even more enhanced circulation. Surprisingly the expansion of NADW is not clearly reflected by an increase in current speed as shown by continuously fine terrigenous grain size.

**Keywords:** Ceará Rise; Pliocene super conveyor; NADW; carbonate dissolution; grain size

### Article Outline



### Related Articles

- Two proximal, high-resolution records of foraminiferal ...  
*Deep Sea Research Part I: Oceanographic Research Papers*
- Glacial-interglacial variability in lower North Atlanti...  
*Marine Geology*
- Variability of silt grain size and planktonic foraminif...  
*Marine Geology*
- A long-term variation of  $10\text{Be}$  flux changes at ODP Site ...  
*Nuclear Instruments and Methods in Physics Research Sec...*
- Determination of sediment volumes, accumulation rates a...  
*Marine Geology*

[View more related articles](#)

### Cited by (0)

- This article has not yet been cited.

Provided by Scopus



- **Free access to \*Registered Users\***
  - Access to Full-text only to individuals from subscribed customers
  - Access to full-text per customer's entitlements
  - Requires registration on sciencedirect.com
- Provides the most important SD productivity tasks, any time and anywhere
- Search, Off-line library (Saved articles), Article view
- Sharing and customization features
- No synchronization with Desktop

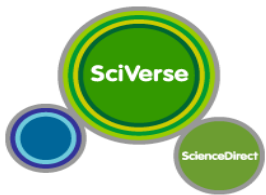


<http://itunes.apple.com/au/app/sciverse-sciencedirect/id383622545?mt=8>



<https://market.android.com/search?q=sciencedirect&so=1&c=apps>





# ScienceDirect – Supporting Sites

SciVerse  
Open to accelerate science

Search this site

HOME | WHAT IS SCIVERSE? | KEY BENEFITS | COMMUNITY | RESOURCE LIBRARY | NEWS & EVENTS | FAQ

What is SciVerse?

- SciVerse Hub
- SciVerse ScienceDirect
- About
- Releases
- Set up
- Content
- Using
- Subscriptions
- Options
- Contact
- Support

SciVerse Scopus

SciVerse SciTopics

SciVerse Applications

SciVerse Mobile Applications

SciVerse ScienceDirect

Elsevier offers researchers a number of open access publishing choices

Access peer reviewed full-text SciVerse ScienceDirect

Looking for trusted content? SciVerse ScienceDirect's peer-reviewed database contains more than 10 million journals and books.

Download the SciVerse ScienceDirect App today! Available for iPhone, iPad, Blackberry and Android devices. >>

Check the top 25 most downloaded articles for your favorite journal(s) and/or subject area to discover what millions of researchers find interesting...

We're in the process of fixing RSS feed issues. Visit the support blog for an update. Alerts are available to stay up-to-date.

News & Events

SciVerse ScienceDirect News

Latest Resources

SciVerse ScienceDirect User Guide

Search ScienceDirect Now

Find articles from our catalog of more than 2,500 journals and 11,000 books on SciVerse ScienceDirect.

<http://info.sciencedirect.com>

TrainingDesk

Resources for mastering Elsevier's world-class, scholarly research tools

Search & Discovery Products | Performance Planning & Funding | Subject Area Databases | User Support

Home + Search & Discovery Products +

SciVerse ScienceDirect

SciVerse ScienceDirect is the world's leading full-text scientific database offering articles/chapters from more than 2,500 peer-reviewed journals and more than 10,000 books. The platform offers sophisticated search and retrieval functionality that enables the user to maximize the effectiveness of their knowledge discovery process. Tools facilitate research work flow aids, as access to content at an early publication stage and multiple document downloading of content that can be printed and passed to colleagues.

Visit product

Introduction to SciVerse ScienceDirect

SciVerse ScienceDirect Videos | How To... | Related Items

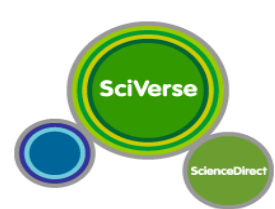
Introduction to SciVerse ScienceDirect

SciVerse ScienceDirect Basic Tutorial: Registration and

Rejestracja na portalu SciVerse ScienceDirect

SciVerse ScienceDirect: Tworzenie alertów

<http://trainingdesk.elsevier.com>



# Join our Community – Over 35,000 Librarians & Researchers Collaborating Daily!

---



[www.facebook.com/elsevierlibrarians](http://www.facebook.com/elsevierlibrarians)

follow us on  
**twitter**

[www.twitter.com/elsevierscience](http://www.twitter.com/elsevierscience)



[www.youtube.com/elsevierbooks](http://www.youtube.com/elsevierbooks)



**81% of researchers agree:**

“In the next several years, we will use knowledge networks (online groups of trusted peers) as a reliable source for filtering and viewing information...”



# Thank You

Questions & Answers

[www.info.sciencedirect.com](http://www.info.sciencedirect.com)

