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**專長1** 影像處理 (Image Processing)

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## 教師研究成果資料明細

### 研究計畫

1.周永振 國科會 2009.09.1 ~2010.07.31  
具低計算量之資訊隱藏技術及應用

2.周永振 國科會 2010.08.1 ~2011.07.31  
具低計算量之資訊隱藏技術及應用

3.周永振 國科會 2009.09.1 ~2010.07.31  
具低計算量之資訊隱藏技術及應用

4.周永振 國科會 2010.08.1 ~2011.07.31  
具低計算量之資訊隱藏技術及應用

### SCI、SSCI、A&HCI、EI、TSSCI期刊論文

1.張真誠(Chang, Chin-Chen)\*、周永振(Yung-Chen Chou) ,2009-02, (已刊登)

FUNDAMENTA INFORMATICAE 90卷1~2期:17頁~26頁  
A Fragile Digital Image Authentication Scheme Inspired by Wet Paper Codes

2.周永振(Yung-Chen Chou) ,2009-06, (已刊登)  
International Conference on Multimedia and Ubiquitous Engineering 卷  
期:145頁~152頁  
Information Hiding in Dual Images with Reversibility

3.周永振(Yung-Chen Chou) ,2009-09, (已刊登)  
Proceedings of International Conference on Intelligent Information Hiding and  
Multimedia Signal Processing 卷期:624頁~627頁  
A Simple and Efficient Data Hiding Scheme Suitable for Low Power Computation  
Environments

4.周永振(Yung-Chen Chou) ,2009-08, (已刊登)  
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A Brand-new Mobile Value-added Service: M-Check

5.周永振(Yung-Chen Chou) ,2010-07, (已刊登)  
Proceedings of the 9th IEEE International Conference on Cognitive Informatics 卷  
期:845頁~850頁  
A Data Hiding Scheme for Color Image Using BTC Compression Technique

6. 周永振(Yung-Chen Chou) ,2010-10, (已刊登)  
Proceedings of International Conference on Intelligent Information Hiding and  
Multimedia Signal Processing 卷期:43頁~46頁  
A (2, 3) Threshold Secret Sharing Scheme Using Sudoku
7. 周永振(Yung-Chen Chou) ,2010-12, (已刊登)  
Proceedings - 4th International Conference on Genetic and Evolutionary Computing  
卷期:626頁~629頁  
A High Payload Data Hiding Scheme for Color Image Based on BTC Compression  
Technique

## 研討會論文

1. 周永振(Yung-Chen Chou) 2009.05.24~2009.05.27  
A Steganographic Scheme Based on Wet Paper Codes Suitable for Uniformly  
Distributed Wet Pixels  
IEEE International Symposium on Circuits and Systems (ISCAS 2009)
2. 周永振(Yung-Chen Chou) 2009.06.4 ~2009.06.6  
Information Hiding in Dual Images with Reversibility  
The 3rd International Conference on Multimedia and Ubiquitous Engineering (MUE  
2009)
3. 周永振(Yung-Chen Chou) 2009.09.12~2009.09.14  
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4. 周永振(Yung-Chen Chou) 2009.08.25~2009.08.27  
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5th International Joint Conference on INC, IMS and IDC (NCM 2009)
5. 周永振(Yung-Chen Chou)、周永振(Yung-Chen Chou)、周永振(Yung-  
Chen Chou) 2010.07.7 ~2010.07.9  
A Data Hiding Scheme for Color Image Using BTC Compression Technique  
The 9th IEEE International Conference on Cognitive Informatics
6. 周永振(Yung-Chen Chou) 2010.08.4 ~2010.08.6  
Embedding Data and Sharing Original Image in Two Stego Images Using Sudoku  
the IET International Conference on Frontier Computing - Theory, Technologies and  
Applications (IET FC 2010)
7. 周永振(Yung-Chen Chou) 2010.10.15~2010.10.17  
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the 6th International Conference on Intelligent Information Hiding and Multimedia  
Signal Processing (IIHMSP 2010)
8. 周永振(Yung-Chen Chou)、周永振(Yung-Chen Chou)、張閔翰(Chang,  
Hon-Hang) 2010.12.13~2010.12.15  
A High Payload Data Hiding Scheme for Color Image Based on BTC Compression  
Technique  
the Fourth International Conference on Genetic and Evolutionary Computing  
(ICGEC - 2010)
9. 周永振(Yung-Chen Chou)、周永振(Yung-Chen Chou)、李宜錚(Li, Yi-  
Jheng) 2010.11.5 ~2010.11.5

A (2, 3) Threshold Secret Sharing Scheme with Reversibility Using Sudoku  
2010 Workshop on Consumer Electronics (WCE 2010)

## 指導碩博士論文

### 1. 周永振 2011

使用區塊截斷編碼於資訊隱藏技術研究  
張閔翰

### 2. 周永振 2011

使用數獨庫之可還原性(2, 3)機密分享技術研究  
李宜錡

### 3. 周永振 2011

運用數獨庫之(2, 3)機密分享機制之研究  
李保慶

## 參與研討會

### 1. 周永振 2010-04-23~2010-04-24

International Conference on Advanced Information Technologies (AIT2010)

### 2. 周永振 2010-08-04~2010-08-06

The IET International Conference on Frontier Computing – Theory, Technologies and Applications (IET FC2010)

### 3. 周永振 2009-08-25~2009-08-27

2009 International Workshop on Mobile E-commerce, Mobile Payment, Mobile Content Service Systems and Technologies, Security Issues and Applications

### 4. 周永振 2009-05-24~2009-05-27

The IEEE International Symposium on Circuits and Systems (ISCAS 2009)

### 5. 周永振 2010-07-07~2010-07-09

The 9th IEEE International Conference on Cognitive Informatics

### 6. 周永振 2010-04-04~2010-04-06

IET International Conference on Frontier Computing - Theory, Technologies and Applications (IET FC 2010)

### 7. 周永振 2010-12-13~2010-12-15

Fourth International Conference on Genetic and Evolutionary Computing (ICGEC - 2010)

## 參與期刊編輯

### 1. 周永振 2009-08-01~2010-04-30

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### 2. 周永振 2008-08-01~

IET Image Processing

### 3. 周永振 2009-02-01~

Asia Journal of Health and Information Sciences

### 4. 周永振 2009-06-01~

International Journal of Image Processing

### 5. 周永振 2010-09-01~

## Image Communication

6.周永振 2010-08-01~

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7.周永振 2010-12-01~

International Journal of Computers and Applications

8.周永振 2011-02-01~

KSII Transactions on Internet and Information Systems

9.周永振 2011-02-01~

Journal of Visual Communication and Image Representation

10.周永振 2011-03-01~

Journal of Information Science and Engineering

## 學術/社會服務資料

1.周永振 2010-09-01~2011-07-31

朝陽科技大學學生發展中心職涯諮詢顧問