

Guide to depositing research in the O2 repository

Sending publications to the O2 repository from GIR

When you add publications in GIR, as shown below, the DSpace Enabled (*Activado DSPACE*) column will not be ticked until these publications are sent to the O2 institutional repository. This helps quickly identify which documents have been deposited in O2.

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<u>Actividad</u> <u>Investigadora y</u> <u>Produsción</u> <u>Clentifica</u> <u>Actividad docente</u> Personalización e	Articulos en revistas Artículos en revistas Artículos de investigación científica (originales o revisiones), proceedings publicados en revistas con ISSN, cartas, editorial material, reseñas, revisiones y artículos de investigación científica. Beequeda: Termino de Beequeda: Linese: toporpágna V Resultados 21 - 30 de 35, Acciones: Mila prote									
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					Detate					
	High capacity audio watermarking using the high frequency band of the wavelet domain	01/04/2011	Multimedia Tools and Applications	4	[Duplicar]					
es relacionados:					Detale					
	Reversible and high-capacity watermarking in medical images	01/03/2011	IET Image Processing	1	(Duplear)					
					And Annual An					
	improved flooding of broadcast messages using extended multipoint relaying	01/03/2011	Journal of Network and Computer Applications	1	Detalle					
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	Efficient self-synchronised blind audio watermarking system based	01/12/2010	Signal Processing	4	Detaile					
	on time domain and FFT amplitude modification			5.5K	[Duplicar]					
	Watermarking scheme for tampering detection in remote sensing		Proceedings of the Society of photo-		Detaile					
	images using variable size tiling and DWT	03/08/2010	optical Instrumentation engineers (SPIE)		[Duplicar]					
			EICE Transactions on Fundamentals		Detale					
	DWT-based high capacity audio watermarking	01/01/2010	of Electronics, Communications and Computer Sciences		[Duplicar]					
	Robust high-capacity audio watermarking based on FFT amplitude	ust high-capacity audio watermarking based on FPT amplitude IEICE Transactions on information			Detale					
	modification	01/01/2010	and Systems		[Duplicar]					
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	Reversible data hiding based on H.264/AVC intra prediction	02/09/2009	Lecture Notes In Computer Science		(Duplicar)					

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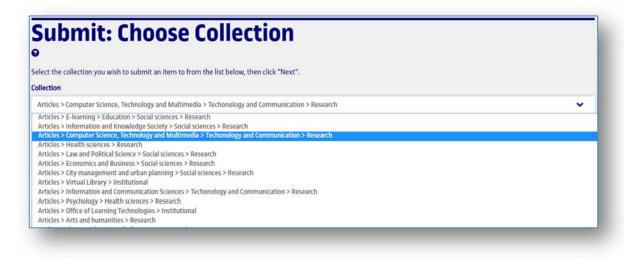


Idioma Publicació)	
Código		Descripción
AN	Ingles	
ISSN/Revista:	0277-786X - Proceedings of the So	ciety of photo-optical instrumentation engineers (SPIE)
ISSN-e:	1996-756X	
Tipología revista:	Proceedings (Book Series)	
Indexada:	Sí	
Tipo Publicación:	PP Proceeding Paper	
DOI:	10.1117/12.860573	<u>Ir</u> 🗸
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Otro identificador exter	7810	
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O2, steps to take

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If you cannot find the corresponding collection for your publication, you can request its creation from the Library Replies service.



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Guidelines for filling in the Research form:

• **Author**: enter their name and surname. If the document has more than one author, click the *Add more* button.

- **Other authors**: select *Others* from the drop-down list and include the research group, area, project, etc. responsible for the document's creation, where applicable
- Title: enter the work's title and subtitle.
- **Keywords**: words that define the contents of the work. Select the language they are to be entered in. Click *Add more* to include others.

 Document creation date: a mandatory field – if you do not know the exact date, enter the approximate year.

• **Language**: select the language that the document has been written in from the dropdown list.

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Authors	Lench Hostalot, Carriel	Correct one of these
	Megius Jenénez, David	Construction of Canada
Other authors		
Title	Unsupervided stegaralysis based on artificial training sets	
Date of Issue	2-Apr-30%6	
Publisher	Engineering Applications of Artificial Intelligence	
Saries/Report No.	None	
Type	Article	
Language	English	
Subject Keywords	Unsupervised stepanalysis	
	Cover space mismatch	
	Machine Learning	
Abstract	In this paper, an unsupervised stepanalysis method that cambines	
	artificial training with and supervised classification is proposed. We	
	provide a formal framework for unsupervised classification of streps and	
	cover images in the typical situation of targeted stepanalysis (i.e., for a	
	known algorithm and approximate embedding bit rate). We also present	
	a complete set of experiments using (1) eight different image databases,	
	(2) image features based on Rich Models, and (2) three different	
	embedding algorithms: Least Significant Bit (LSB) matching, Highly	
	undetectable steganography (19362) and Wavelet Obtained Weights	
	(WOW). We show that the experimental much supprise provious	
	methods based on Rich Models in the majority of the tested cases. At the	
	same time, the proposed approach bypasses the problem of Cover Source	
	Momatch ¿ when the embedding algorithm and bit rate are known ¿	
	since it remewes the need of a training database when we have a large	
	enough testing set. Furthermore, we provide a generic proof of the	
	proposed framework in the machine learning context. Hence, the results	
	of this paper could be estimated to other classification problems similar to	
	steganalysis	
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