

# Real-Time Optical Information Processing

## **SPIE | Proceeding | Real- Time Optical Processing -**

P. Nisenson; J. Feinleib and S. Iwasa "Real-Time Optical Processing", Proc. SPIE 0045, Optical Information Processing. Optical Systems and Processes> Chapter 13. >  
[http://proceedings.spiedigitallibrary.org/data/conferences/spiep/65034/0045\\_241.pdf](http://proceedings.spiedigitallibrary.org/data/conferences/spiep/65034/0045_241.pdf)

## **Real-Time Optical Information Processing (eBook, -**

Genre/Form: Electronic books: Additional Physical Format: Print version: Javidi, Bahram. Real-Time Optical Information Processing. Oxford : Elsevier Science, 1994  
<http://www.worldcat.org/title/real-time-optical-information-processing/oclc/829460367>

## **Books-Received - Real-Time Optical Information -**

Title: Books-Received - Real-Time Optical Information Processing: Authors: Javidi, B.; Horner, J. L. Publication: Science, Vol.265, NO. 5168/JUL1, P. 128, 1994 (Sci  
<http://adsabs.harvard.edu/abs/1994Sci...265..128J>

## **Real- Time Optical Processing and Applications -**

Title: Real-Time Optical Processing and Applications: Authors: Rodal, David R.; Markevitch, Bob V. Publication: Optical Information Processing: Real Time Devices  
<http://adsabs.harvard.edu/abs/1976SPIE...83...14R>

## **Optical information processing: Real- time -**

Optical information processing: Real-time devices and novel techniques : [seminar], August 24-25, 1976, San Diego, California (Proceedings of the  
<http://www.amazon.com/Optical-information-processing-Proceedings-Instrumentation/dp/0892521104>

## **Optical Associative Processing - Real- Time -**

Carnegie Mellon University, Department of Electrical and Computer Engineering, Center for Excellence in Optical Data Processing, Pittsburgh, Pennsylvania 15213  
<http://www.sciencedirect.com/science/article/pii/B9780123811806500104>

## **Real- Time Reconfigurable Interconnections for -**

OPTICAL REVIEW Vol. 2, No. 3 (1995) 189-193 Real-Time Reconfigurable Interconnections for Parallel Optical Processing\* Neil MCARDLE and Mohammad R. TAGHIZADEH  
<http://link.springer.com/content/pdf/10.1007%2Fs10043-995-0189-5.pdf>

## **opencv - Real Time Optical Flow - Stack Overflow -**

optical flow as a real time obstacle detection and avoidance system for the visually impaired. I'm developing the application in c# and using Emgu Cv for image  
<http://stackoverflow.com/questions/14820448/real-time-optical-flow>

**eds., " Real-time Optical Information -**

CiteSeerX - Scientific documents that cite the following paper: eds., "Real-time Optical Information Processing

<http://citeseerx.ist.psu.edu/showciting?cid=4611754>

**Real-Time Optical Information Processing - -**

Fach-Ebook Download: Real-Time Optical Information Processing covers the most recent developments in optical information processing, pattern recognition, neural

<http://www.fachzeitungen.de/ebook-real-time-optical-information-processing>

**Nonlinear Real- Time Optical Signal Processing -**

ADA105186. Title : Nonlinear Real-Time Optical Signal Processing. Descriptive Note : Final rept. 15 Apr 77-14 Apr 81, Corporate Author : UNIVERSITY OF SOUTHERN

<http://oai.dtic.mil/oai/oai?verb=getRecord&metadataPrefix=html&identifier=ADA105186>

**Real- time spatial-temporal signal processing -**

The instantaneous response time of parametric optical nonlinearities enable real-time processing of, and interaction between, spatial and temporal optical waveforms.

<http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=974240>

**Target Recognition Application of Real- Time -**

L. Zhao, T. Zeng, "Target Recognition Application of Real-Time Optical Information Processing System", Applied Mechanics and Materials, Vols. 536-537, pp. 197-200

<http://www.scientific.net/amm.536-537.197.pdf>

**Application Of The Liquid Crystal Light Valve To -**

Application Of The Liquid Crystal Light Valve To Real-Time Optical Data Processing

<http://opticalengineering.spiedigitallibrary.org/article.aspx?articleid=1221545>

**DLR - Optical Information - Group Real time image -**

Within the institute's strategic workflow for deploying optical systems, the research group for real time image processing is engaged in R&D work targeted towards

[http://www.dlr.de/os/en/desktopdefault.aspx/tabid-5894/9560\\_read-18729/](http://www.dlr.de/os/en/desktopdefault.aspx/tabid-5894/9560_read-18729/)

**NASA Technical Reports Server (NTRS) - Real- time -**

Abstract: Nonlinear real-time optical processing on spatial pulse frequency modulation has been pursued through the analysis, design, and fabrication of pulse

<http://ntrs.nasa.gov/search.jsp?R=19890013092>

**Real- Time Information Processing Method and its -**

Real-Time Information Processing Method and its Application in Optical Target Tracking System

<http://www.scientific.net/AMM.536-537.192>

**Journal of Real- Time Image Processing - incl -**

The Journal of Real-Time Image Processing is intended to bridge the gap between the theory and practice of image processing,

<http://www.springer.com/computer/image+processing/journal/11554>

**Real-Time Optical Information Processing - Bahram -**

Real-Time Optical Information Processing covers the most recent developments in optical information processing, pattern recognition, neural computing, and materials  
<http://www.bokus.com/bok/9780323138826/real-time-optical-information-processing/>

**Real-Time Optical Information Processing: Bahram -**

Real-Time Optical Information Processing [Bahram Javidi] on Amazon.com. \*FREE\* shipping on qualifying offers. Real-Time Optical Information Processing covers the most  
<http://www.amazon.com/Real-Time-Optical-Information-Processing-Bahram/dp/012396010X>

**Real- Time Signal Processing VI | (1983) | -**

Real-Time Signal Processing VI. Editor(s): Keith Bromley Format Member Price Non-Member Optical Processing Techniques For Pseudorandom Sequence Prediction  
[http://spie.org/Publications/Proceedings/Volume/0431?&end\\_year=1983](http://spie.org/Publications/Proceedings/Volume/0431?&end_year=1983)

**Real- time 3D and 4D Fourier domain Doppler -**

Real-time 3D and 4D Fourier domain Doppler optical coherence tomography based on dual graphics processing units  
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3447558/>

**Real- time optical image processing by synthesis -**

We have proposed an optical information processing technique by synthesis of the optical coherence function utilizing direct frequency modulation of a laser diode.  
<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=484259>

**Real Time Optical Information Processing - -**

Coherent optical processing systems are particularly well-suited for handling the very large amount of information contained in two-dimensional images, since they can  
[http://link.springer.com/chapter/10.1007/978-1-4684-1905-4\\_19](http://link.springer.com/chapter/10.1007/978-1-4684-1905-4_19)

**Real-time Optical Information Processing: -**

Buy Real-time Optical Information Processing by Bahram Javidi, Joseph L. Horner (ISBN: 9780123811806) from Amazon's Book Store. Free UK delivery on eligible orders.  
<http://www.amazon.co.uk/Real-time-Optical-Information-Processing-Bahram/dp/toc/0123811805>

**Real time optical information processing (0) - -**

CiteSeerX - Scientific documents that cite the following paper: Real time optical information processing  
<http://citeseerx.ist.psu.edu/showciting?cid=25953874>

**SPIE | Proceeding | Real-time optical information -**

Real-time optical information processing using an induced mutually pumped phase conjugator in a photorefractive KNSBN crystal  
<http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=986649>

**Real- time computing - Wikipedia, the free -**

Tolerable limits to delay for live, real-time processing is a subject of debate but is estimated to be between 6 and 20 milliseconds. Real-time and high  
[http://en.wikipedia.org/wiki/Real-time\\_computing](http://en.wikipedia.org/wiki/Real-time_computing)

**Real-time optical information processing (eBook, -**

Real-Time Optical Information Processing covers the most recent developments in optical information processing, pattern recognition, neural computing, and materials  
<http://www.worldcat.org/title/real-time-optical-information-processing/oclc/624390432>

**APPLICATION OF COHERENT OPTICAL TRANSDUCERS TO -**

coherent optical transducers to optical real-time information processing 57 b-  
deple'tion la yer dielectric image line depletion la yerw a veg uide  
<http://www.computer.org/csdl/proceedings/afips/1966/5067/00/50670053.pdf>

**A Real- Time Optical Tracking and Measurement -**

A real-time optical tracking and measurement processing system for flying targets.  
<http://europepmc.org/articles/PMC4038914>

**Real time optical flow, and video processing - -**

Real time optical flow, and video processing, with support for camera input in Matlab. | Watch this File. File Information; Description: Start by running "runMe.m"  
<http://www.mathworks.com/matlabcentral/fileexchange/40968-real-time-optical-flow--and-video-processing>

**Real- Time Nonlinear Optical Information -**

Real-Time Nonlinear Optical Information Processing. Added by Ahmad Armand. potential certification reach. To share this paper with the field, you must first certify it.  
<http://www.academia.edu/2343882/Real-Time-Nonlinear-Optical-Information-Processing>

**Real- Time FPGA Processing for High-Speed Optical -**

Index Terms: B-spline, digital signal processing, optical coherence tomography (OCT), optical frequency domain imaging (OFDI), real-time processing  
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2883772/>

**Title: Optical information processing: Real- time -**

Title: Optical information processing: Real-time devices: 9780892521104: Books - Amazon.ca  
<http://www.amazon.ca/Title-Optical-information-processing-Real-time/dp/0892521104>

**Real-Time Optical Information Processing book | 1 -**

This text covers the most recent developments in optical information processing, pattern recognition, neural computing and materials for devices in optical computing.  
<http://www.alibris.com/Real-Time-Optical-Information-Processing/book/5574619>

**Optical Computing: A 60-Year Adventure -**

This research field is also named optical information processing, no SLM really suited for real-time optical information processing was available. 3.3.  
<http://www.hindawi.com/journals/aot/2010/372652/>

**NASA Technical Reports Server (NTRS) - A real- -**

Abstract: A novel liquid-crystal electro-optical device useful as a real-time input device in coherent optical data processing is described. The device is a special  
<http://ntrs.nasa.gov/search.jsp?R=19760051838>

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