OSA
(Optical Society of America)

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출판사 소개 및 수록내용

출판사 소개

OSA (Optical Society of America)는 1916년에 설립되었으며 12종의 peer-reviewed Journal, magazine, Trends in Optics and Photonics series, monographic, user guide, conference digests 등을 출판하고 있습니다.

수록내용 (주제분야: Optical Science, 제공 Title: 12종+Partnered Journals 7종)

- Applied Optics
- Advances in Optics and Photonics
- Journal of the Optical Society of America A (JOSA A)
- Journal of the Optical Society of America B (JOSA B)
- Optics Letters
- Optics Express (open access)
- Optics News (1917-1983)
- Optics & Photonics News
- Spotlight on Optics
- Virtual Journal for Biomedical Optics

- Applied Spectroscopy
- Chinese Optics Letters
- Spotlight on Optics
- Journal of Display Technology
- Journal of Lightwave Technology
- Journal of Optical Technology
- Conference Papers
- Journal of Optical Communications and Networking
- Journal of the Optical Society of Korea (2010 New!)
예제 1.

Applied Optics에 있는 Article 중 "fibers"가 제목에 포함되고 Daniel가 지은 Article 검색
OCIS is a categorization system to categorize articles by topic. Select the desired subject.
Search Optics InfoBase 검색 결과

You searched for title: fibers, author: Daniel

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Export and save citations. Select articles then choose an action.

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 prevailing length measurements in multimode optical fibers

Abstract | Full Text: PDF

- Danielson, B L
- Selective optical excitation permits both the group index and the group delay of on-axis modes of multimode fibers to be determined with high precision. The group index of several...

Interlaboratory measurement comparison to determine the attenuation and bandwidth of graded-index optical fibers

Abstract | Full Text: PDF

- Franzen, Douglas L; Day, G W; Danielson, Bruce L; Chamberlain, George E; Kim, Ernest M
- An interlaboratory measurement comparison was conducted by the National Bureau of Standards in cooperation with the Electronic Industries Association. Participants included NBS and...

Optical fiber phase discriminator

Abstract | Full Text: PDF

- Danielson, B L
- Phase discriminators are devices widely used at rf and microwave frequencies to convert phase, or frequency, changes to amplitude changes. They find widespread use in generating...
The aim of the present paper is to demonstrate that such an approach, of determining the amplitude and relative phases of different modes propagating in the fiber from the measurement of the WDF of a section of the total field, is possible. The only a priori necessary knowledge is of the profile of the refractive index in the fiber and of its length. We will refer throughout this paper only to weakly guiding fibers in which

\[
W(r, \rho; L) = \int \phi\left( r + \frac{r'}{2}, 0; L \right) \phi^{*}\left( r - \frac{r'}{2}, 0; L \right) \exp(i\rho r') dr'
\]

is measured by the following setup. Examples of setups that measure the WDF of a 1D field distribution can be found in Refs. 8 and 9. Our interest in measuring the WDF is that afterward we can recover directly from it (up to a constant) the complex field distribution:

\[
\phi(r, 0; L) = \frac{1}{2\pi} \int W(r/2, \rho; L) \exp(-i\rho r) d\rho.
\]
Journal of the Optical Society of America A, Vol.18, Issue 12의 Face verification through tracking facial features 원문을 찾고자 할 때
저널 브라우징 예제

찾고자 하는 원문은 Vol.18, Issue 12이므로 Past Issues 메뉴 Click

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2. Mode-locked InGaAs-AlGaAs disk laser generating sub-200-fs...
3. Simplified holographic color reconstruction system...

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Archive Page에서 검색하고자 하는 Vol. Issue 목차 List
Face verification through tracking facial features

Baoxin Li and Rama Chellappa

JOSA A, Vol. 18, Issue 12, pp. 2969-2981
doi:10.1364/JOSAA.18.002969

OCIS Codes:
(100.0100) Image processing : Image processing
(100.0100) Image processing : Pattern recognition
(150.0150) Machine vision : Machine vision

Citation
http://www.opticsinfobase.org/josa20/abstract.cfm?URI=josa20-18-12-2969

Abstract

We propose an algorithm for face verification through tracking facial features by using sequential importance sampling. Specifically, we first formulate tracking as a Bayesian inference problem and propose to use Markov chain Monte Carlo techniques for obtaining an empirical solution. A reparameterization is introduced under parametric motion assumption, which facilitates the empirical estimation and also allows verification to be addressed along with tracking. The facial features to be tracked are defined on a grid with Gabor attributes (jets). The motion of facial feature points is modeled as a global two-dimensional (2-D) affine transformation (accounting for head motion) plus a local deformation (accounting for residual motion that is due to inaccuracies in 2-D affine modeling and other factors such as facial expression). Motion of both types is processed simultaneously by the tracker. The global motion is estimated by importance sampling, and the residual motion is handled by incorporating local deformation into the measurement likelihood in computing the weight of a sample. Experiments with a database of facial images show that the algorithm is robust to changes in illumination, pose, and expression.
예제 3.

Journal of the Optical Society of America B 안의 Jin Hyuk Kwon의 Article 중 Title에 “photopolymers” 포함된 원문을 찾고자 할 때..
검색어 입력 후 Search Click

Atomic and Molecular Physics
- Implementation of two optimal symmetric electron trap system
  Abstract | Full Text: PDF (102 KB)
  ○ JOSA B Vol. 27, Iss. 2, pp. 328-332 (2010)
  ○ Gui-Yu Hu, Hong-Bo Wan, and Li-Ye

Diffraction and Gratings
- Multipole method for modeling linear defect
  Abstract | Full Text: PDF (851 KB)
  ○ JOSA B Vol. 27, Iss. 2, pp. 246–258 (2010)
  ○ Dougal J. Kan, Ara A. Asatryan, Christopher O.

Fiber Optics and Optical Communication
- Effects of excited-state absorption on self-pumped
  Abstract | Full Text: PDF (1110 KB)

Search for authors' names in the following format: "Smith" or "Smith, A"
Journal Page 내 Search 검색결과

Analysis of temporal behavior of beams diffracted by volume gratings formed in photopolymers

Abstract | Full Text | PDF
---|---|---
JOSA B, Vol. 16 Iss. 10, pp.1651-1657 (1999)
Kwon, Jin Hyuk, Hwang, Hyo Chang; Woo, Kyong Chul
The temporal behavior of beams diffracted by volume gratings in photopolymer thin films are measured and analyzed by solution of the diffusion equation for the monomer...
감사합니다!!!