

**Ring Resonator Systems To Perform Optical
Communication Enhancement Using Soliton
(SpringerBriefs In Applied Sciences And Technology)
By Iraj Sadegh Amiri**

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DESIGN AND MODELLING OF RING RESONATORS USED AS OPTICAL FILTERS systems. The rings can be fabricated as integrated optical structures or they can be
<http://academica-e.unavarra.es/bitstream/handle/2454/2304/577294.pdf?sequence=1>

APPLIED SCIENCES AND TECHNOLOGY Iraj Sadegh Amiri Ring Resonator Systems to Perform Optical Communication Enhancement Using Soliton,
<http://link.springer.com/content/pdf/10.1007%2F978-981-287-197-8.pdf>

A ring resonator system may be composed of one or two bus waveguides and a ring placed very close to them as shown in gure 4. There are several gures of merit
http://iopscience.iop.org/0960-1317/14/3/009/pdf/jmm4_3_009.pdf

April 20, 2012 7:30pm UTC in response to Damla Ozcelik. Re: Coupling to a ring resonator. Hi Damla, I'm trying to do the same thing as you, I was wondering if you
<http://www.comsol.com/community/forums/general/thread/15590/>

A resonator is a device or system that exhibits resonance or A cavity resonator is a hollow closed conductor such as a metal box or a Optical ring resonators;
<http://en.wikipedia.org/wiki/Resonator>

Pinch Resonances in a Radio Frequency Driven SQUID Ring-Resonator System H.Prance, T.D.Clark, R.Whiteman, R.J.Prance, M.Everitt, and P.Sti ell Physical
[http://www.academia.edu/6352548/Pinch Resonances in a Radio Frequency Driven SQUID Ring-Resonator System](http://www.academia.edu/6352548/Pinch_Resonances_in_a_Radio_Frequency_Driven_SQUID_Ring-Resonator_System)

We present the interesting results of nonlinear behaviors of a soliton pulse within a nonlinear micro ring resonator system, where the optical filter characteri
<http://www.sciencedirect.com/science/article/pii/S0030402608003264>

Our ring resonator utilizes SixNy?SiO2 waveguides, which, Contact your librarian or system administrator or Login to access OSA Member Subscription. Cited By.
<https://www.osapublishing.org/abstract.cfm?URI=OL-30-24-3344>

Ring Resonator Systems to Perform Optical Communication Enhancement Using Soliton. Authors: Sadegh Amiri, Iraj, Afroozeh, Abdolkarim
<http://www.springer.com/us/book/9789812871961>

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American Journal of Networks and Communications in Ring Resonator Systems to Perform Optical Communication Enhancement Using Soliton,
<http://www.sciencepublishinggroup.com/specialissue/paperinfo.aspx?journalid=132&specialissueid=132002&doi=10.11648/j.ajnc.s.2015040201.12>

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An optical ring resonator is a set of waveguides in which at least one is a closed loop coupled assuming there are no losses in the system such as those due to
http://en.wikipedia.org/wiki/Optical_ring_resonators

Information and Communication Technology, Iraj Sadegh Amiri* 1, Chaotic soliton can be generated using a nonlinear PANDA ring resonator system.
<http://www.lifesciencesite.com/ljsj/life1009s/>

Harith (Author) Book List, Integrated Micro-Ring Photonics by Iraj Sadegh Amiri, (SpringerBriefs in Applied Sciences and Technology) by Iraj Sadegh Amiri,
<http://isbn.directory/author/harith>

DESIGN OF A RING RESONATOR-BASED OPTICAL BEAM FORMING NETWORK FOR PHASED ARRAY RECEIVE ANTENNAS Control System To perform the tuning of the optical chip,
<http://wwwhome.cs.utwente.nl/~kloosterjwj/Ring%20Resonator%20Based%20BFB%20for%20PA%20A.pdf>

Robotics & Control Systems; Potential applications of ring resonators for astronomical instrumentation Full Text Ring resonators can be used to
http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=6193933

Mar 12, 2013 Volume 3, Issue 1 (Jan. - Feb. 2013), PP 32-39www.iosrjournals.org Long Distance Communication Us IOSR Journal of Applied Physics Technology
<http://www.slideshare.net/isafiz/long-distance-communication-using-localized-optical-soliton-via-entangled-photon>

Microring Resonator Based Photonic Circuits: Chremmos and N. Uzunoglu, Reflective properties of double-ring resonator system coupled to a waveguide, IEEE
http://www.academia.edu/3030295/Microring_Resonator_Based_Photonic_Circuits_Analysis_and_Design

Optical vortices generated by a PANDA ring resonator for drug trapping and We design the drug delivery system is a PANDA ring resonator as the pump atom
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3028491/>

Overview of novel integrated optical ring resonator bio/chemical sensors Xudong Fan, Ian M. White, Hongying Zhu, The LCORR is a versatile system that
http://reviews.spiedigitallibrary.org/data/Conferences/SPIEP/10226/64520M_1.pdf

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<http://www.allamericanspeakers.com/author/IrajSadeghAmiri>

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http://www.springer.com/cda/content/document/cda_downloaddocument/9789812871961-c2.pdf?SGWID=0-0-45-1474728-p176910802

Optical ring resonators consist of a waveguide in a closed loop coupled Aerospace & Electronics Systems Antennas & Propagation Communications Electron Devices
<http://technav.ieee.org/tag/7754/optical-ring-resonators>