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# A Reconfigurable Active Huygens Metalens Ece Nus

**a reconfigurable active huygens' metalens - arxiv - 1** doi: article type: communication a reconfigurable active huygens' metalens ke chen1, yijun feng1\*, francesco monticone2, junming zhao1, bo zhu1, tian jiang1, lei chen, yijun feng,\* francesco monticone, junming zhao, ... allowing reconfigurable focusing performance that would be **active, switchable and nonlinear photonic metamaterials** - active, switchable and nonlinear photonic metamaterials ... active/nonlinear medium reconfigurable ... [christian huygens, ... © 2017 **ieee. personal use of this material is permitted** ... - from our previously reported passive [33-35] and active [36] versions. ... the reconfigurable huygens source antenna is illustrated in fig. 1. **reconfigurable-pitch photonic mems devices** - reconfigurable-pitch photonic mems devices ... slit aperture followed by a diffraction active dispersion ... of light can be analyzed using huygens-fresnel ... **supplementary information - mediature** - waveguides based on huygens principle, ... the reconfigurable beam steering device requires three simultaneous active heaters and the total power needed to aim the ... **an efficient numerical technique to predict phase** ... - predict realistic phase responses of active cells within a ... using huygens principle, the ... sub-array with 2-bit reconfigurable cells, ... **reconfigurable semiconductor phased-array metasurfaces** - reconfigurable semiconductor phased-array metasurfaces prasad p. iyer, nikita a. butakov, ... design principle for a reconfigurable huygens metasurface to **global technique analysis for reconfigurable reflectarray** ... - global technique analysis for reconfigurable reflectarray ... structure and they differ only by active element ... while the huygens surface only surrounds ... **a new approach combining surrounded-element and** ... - a new approach combining surrounded-element and compression methods ... element and compression methods for analyzing reconfigurable ... using huygens's ... **nano-optics gets practical - optomechanics** - nano-optics gets practical ... christian huygens proposed an intuitive ... reconfigurable metasurface with individual pixels [**hal-00768647, v1**] **an efficient numerical technique to** ... - predict realistic phase responses of active cells within a ... using huygens principle, the ... sub-array with 2-bit reconfigurable cells, ... **vanadium-dioxide-assisted digital optical metasurfaces for** ... - whereas reconfigurable metasurfaces have been previously demonstrated with complex active elements in the microwave regime ... optical huygens' meta-atoms [4]. **metasurfaces - from science to applications - ophotonics reconfigurable epsilon-near-zero metasurfaces via photonic doping**" by liberal and engheta. ... while active huygens' metasurfaces include cloaking and ... **antennas and propagation, ieee transactions on** - a frequency and polarization reconfigurable circularly polarized antenna using active ebg structure for ... antennas and propagation, ieee transactions on - ... **looci: a loosely-coupled component infrastructure for** ... - christophe huygens wouter joosen report cw564, ... reconfigurable component models to the domain of wireless ... active messages paradigm ... **2017 ieee. personal use of this material is permitted** ... - classes of passive and active nfrp eses that have successfully ... frequency agility, huygens source, parasitic elements ... reconfigurable, ... **looci: a loosely-coupled component infrastructure for** ... - implementation of the active messages paradigm [13]. active messages integrate communication and computation by incorporating a reference to a user-handler in ... **optical mems and nanophotonics 2017 - 13th to 17th** ... - **nist** - optical mems and nanophotonics 2017 - 13th to 17th august 2017. ... active electromechanical resonance tuning of ... optical mems and nanophotonics 2017 - 13th to ... **ams2018 - program at a glance - amsymp** - ams2018 - program at a glance ... pregronics - active pre-impregnated ... electrically-small huygens rectenna for ... **ottc file - defense technical information center** - a reconfigurable antennas i university of illinois ... d17 02 integrated active antennas ) ... huygens' principle can be applied to the slot **sound sketch: shaping sound in space and time using** ... - sound sketch: shaping sound in space and time using loudspeaker arrays jung-woo choi1 ... and active noise control. **microwave measurement of electrical fields in different** ... - microwave measurement of electrical fields in different media - principles, methods and instrumentation ... reconfigurable and active sensors, ... **top news - university of sharjah** - "it's exciting that it's reconfigurable. ... active place where methane molecules are being broken apart ... the international cassini-huygens mission has made a **isap2015 technical program - ieice the institute of** ... - isap2015 technical program ... solvers in the form of a near-field huygens ... traditional antenna simulations use active source or sources together with other ... **national radio science meeting 4-7 january 2018 university** ... - reconfigurable intra-chip antenna for future ... a huygens' metasurface lens for enhancing the gain of ... an active sonde for local remote sensing of cloud and ... **th international symposium on microwave and optical technology** - 16th international symposium on microwave and optical technology ... active components and ... 1b1.3 11:15 an integrated transformer with reconfigurable s/x-band ... **proceedings of the 5th european conference on antennas and** ... - localization of active uwb sensor node ... efficient optimization of reconfigurable parasitic ... guy a. e. vandenbosch **wave field synthesis in three dimensions by multiple line** ... - wave field synthesis in three dimensions by multiple line arrays matthew n. montag april 15, ... wfs is based on the huygens ... -easily reconfigurable **2006 ieee aerospace conference digest gold final** - 2006 ieee aerospace conference digest ... 2.0703 electrostatic active radiation shielding revisited ... high performance reconfigurable computing based unmanned aerial **60 th international astronautical**

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**congress ddc, daejeon ...** - active rescue diver and training officer ... operations systems engineer on the cassini-huygens ... on her phd at mit on reconfigurable control techniques ... **description of our research preamble university of new ...** - university of new mexico on august 21, ... active nonlinear structuresimulation of high -power microwave ... (huygens subgridding, ... **lunedì 1 luglio 2013 sessione 1: novel materials (chairman ...** - 10:00-10:20 "optical nano-imaging of gate-tunable graphene plasmons", ... huygens, fermat, bragg and ... towards reconfigurable **flatland optics with ultrathin metasurfaces** - active lenses devices ... huygens' metasurfaces ... et al, "reconfigurable terahertz plasmonic antenna concept using a graphene stack," apl , ... **2013 7th international congress on advanced ...** - 2013 7th international congress on advanced electromagnetic ... non-foster element and dispersion engineering approaches to bandwidth enhancements in active **2010 european microwave ; 3 - gbv** - eumc2010tableofcontents eumcposter16: wavepropagationandscattering venue: exhibition, 12:30-18:00,wednesday29september2010 1321 ... **2005 chronological index - arcaa** - c05-006 system identification for retrofit reconfigurable ... c05-018 huygens structure atmospheric instrument 2002 ... c05-034 on active aeroelastic control of an ... **quantum radar, 2012, 140 pages, marco lanzagorta ...** - quantum radar, 2012, 140 pages, ... interferometric quantum radar and quantum illumination. ... introduction to reconfigurable supercomputing , ...

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