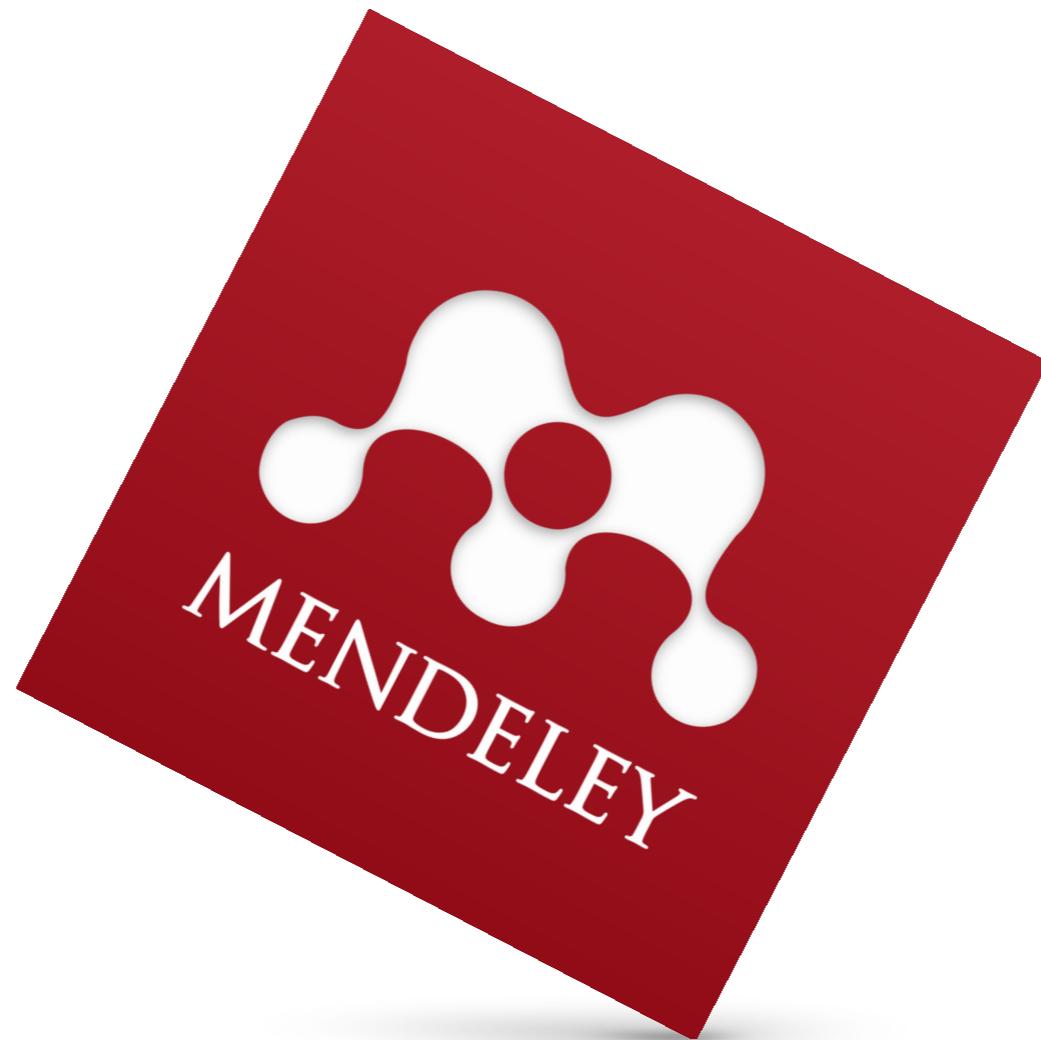


Mendeley : Keeping track of your papers



Brittany Kamai, PhD
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@cosmojellyfish

Ask Questions



Look things up

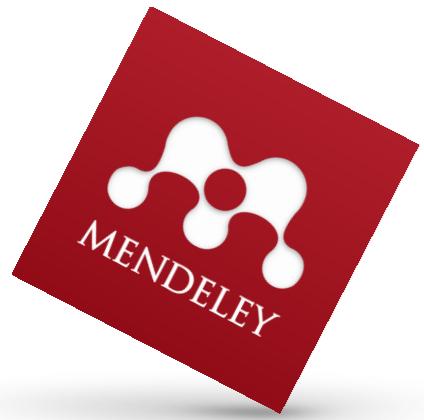


What do you do with all the research papers you found?

What happens when I want to answer a different question?

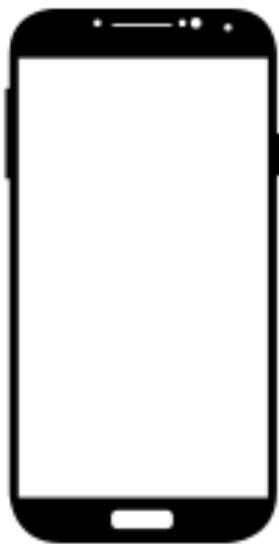
Do I keep all my tabs and pdf open?

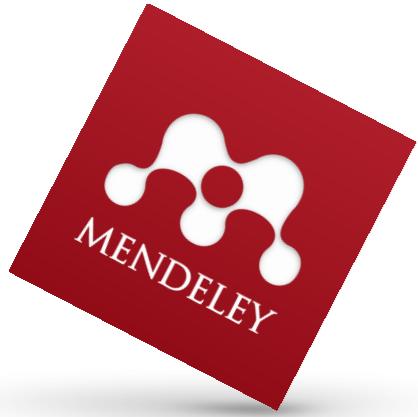
How will I remember to reference these things later?
i.e. during conversations, writing up reports or giving presentations



What is Mendeley?

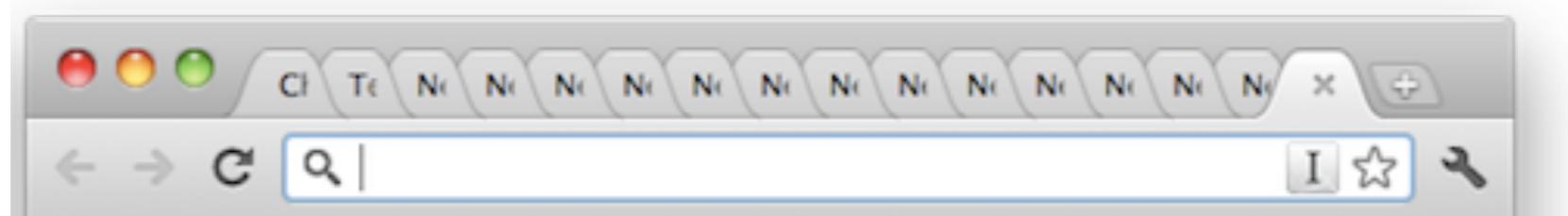
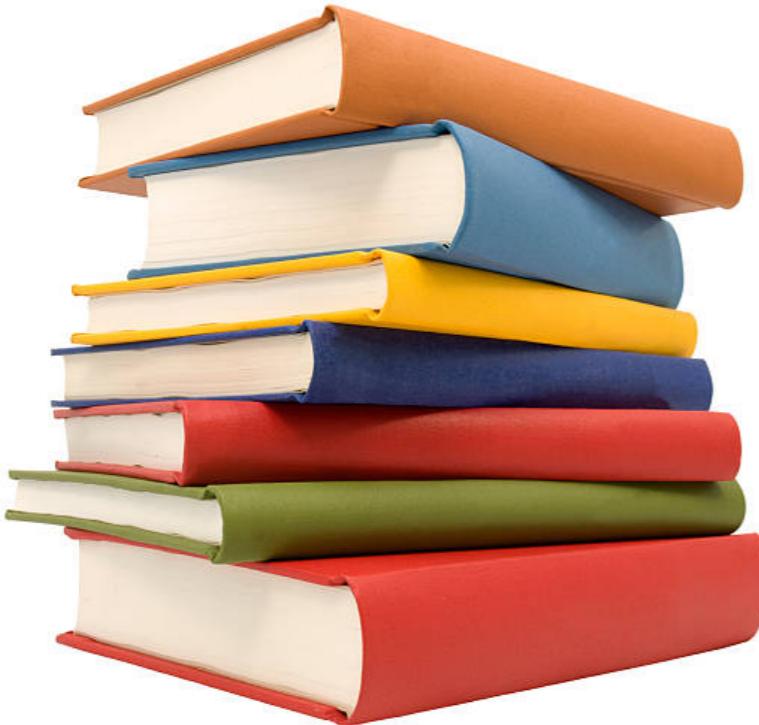
Cross-platform Reference Manager

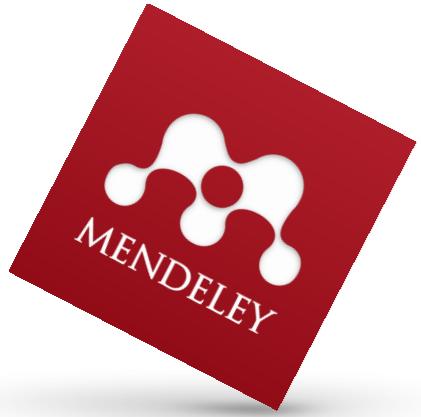




What is Mendeley?

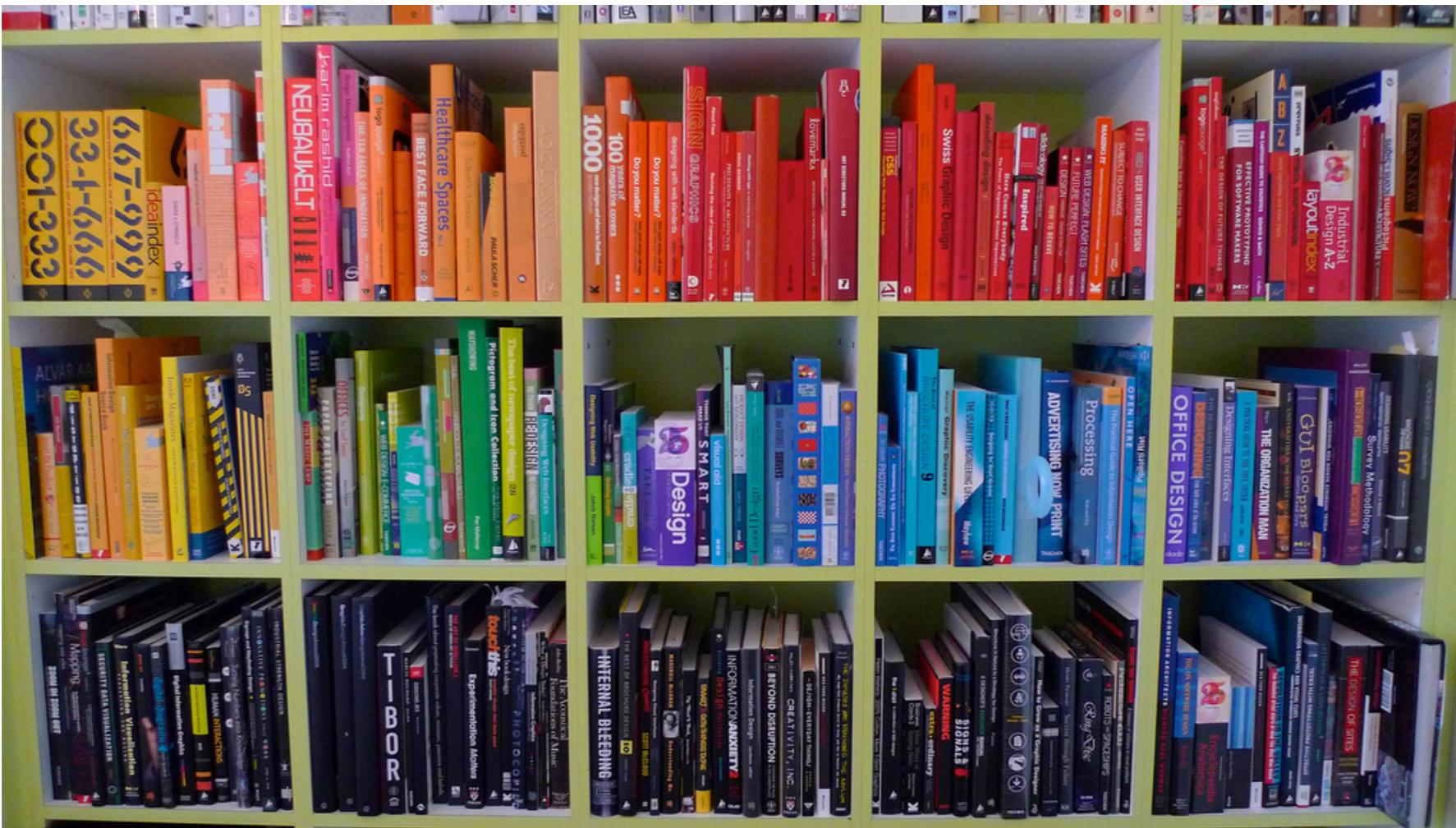
Cross-platform **Reference Manager**





What is Mendeley?

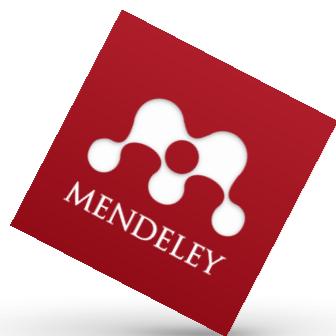
Cross-platform Reference Manager



3 MINUTE PRACTICE

- 1) Create folder with a label that reminds you of your question
- 2) Open up the pdf of a research paper related to your question
- 3) Drag the pdf in to your new Mendeley folder
- 4) Open the pdf and double check that the title, authors, journal, year, etc are all consistent

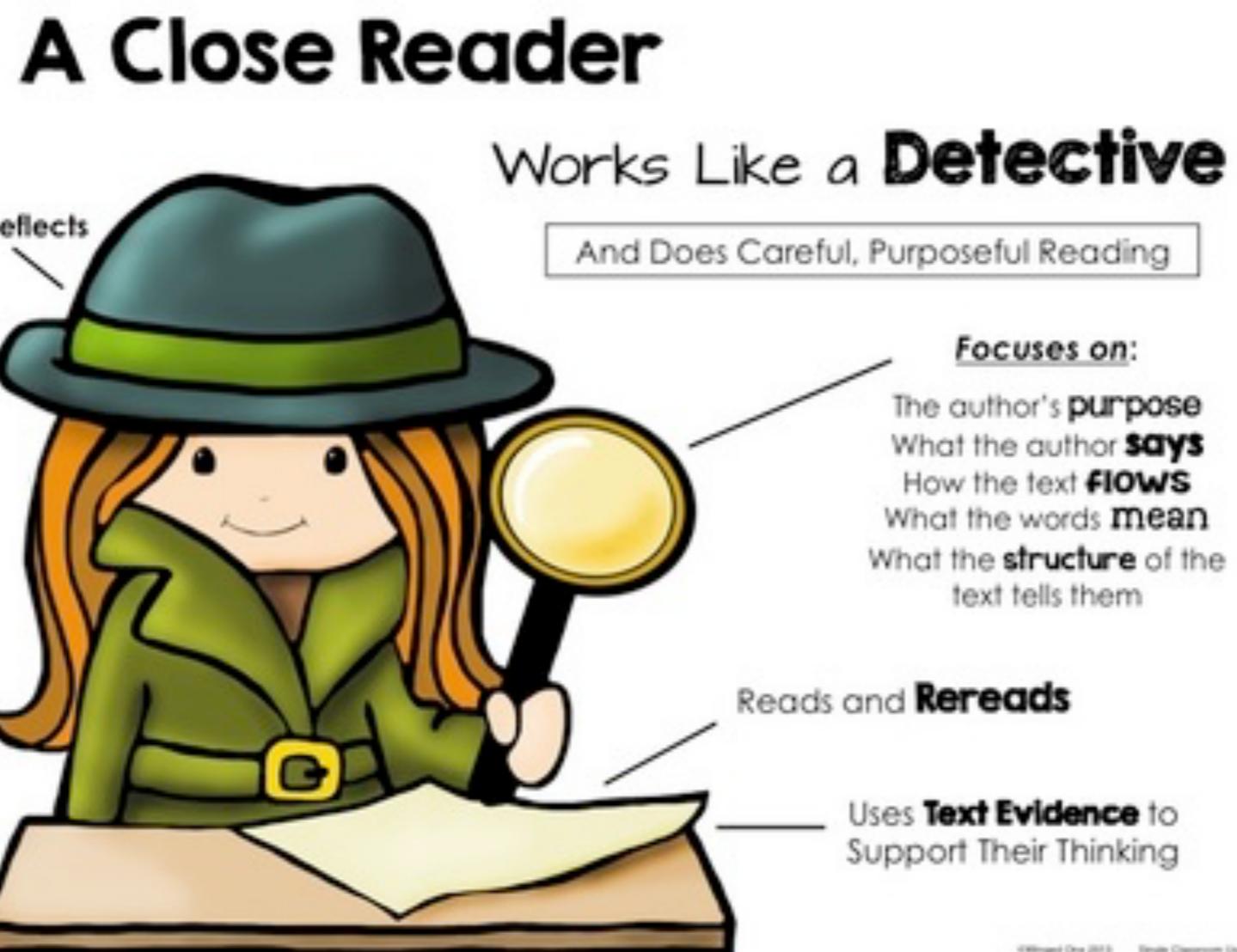


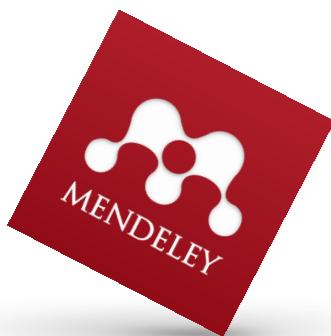


Mendeley + Evernote



Becoming an active reader





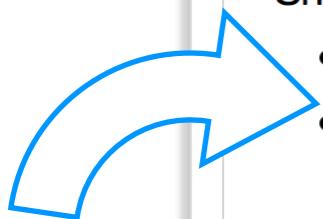
Mendeley + Evernote



Example note

brittany : lit notes

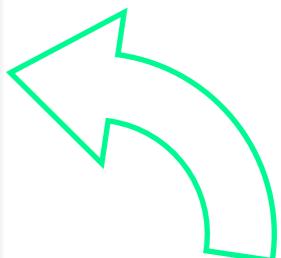
"A Step Towards A Seismic Cloak"
Sheng 2014



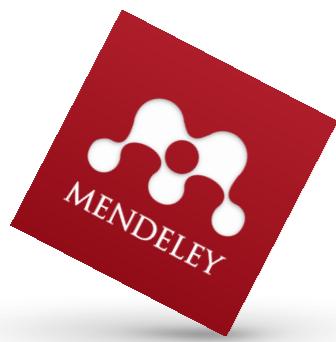
**Title, author and year
(sometimes : I will add in the links to
the article)**

- "those of metamaterials arise from the collective effect of a large array of small resonator"
- "realizing functions such as invisibility cloaking, subwavelength focusing, and unconventional refraction phenomena (such as negative refractive index and phase velocity)."
- "control the propagation of seismic waves within the surface of the Earth."
- "When these underground waves [which can be longitudinal waves (P waves) or transverse wave (S waves)] meet the surface, part of their energy is converted into waves that propagate along the Earth's surface."
- "Rayleigh waves, are usually observed in the frequency range of less than 1 hertz to a few tens of hertz"
- "higher frequency components are more effectively attenuated during wave propagation"
- "much slower speed, hence a smaller wavelength,"
- "based on metamaterials made of properly tailored concentric rings, for cloaking objects from elastic bending waves propagating in thin plates."

**Quotes to
remember
that I
directly
took those
words from
somewhere**



**Really
important
things I
want to
remember**



Mendeley + Evernote



2 MINUTE PRACTICE

- 1) **Evernote** : Start a new note called “literature notes”
- 2) Mendeley : Highlight some text in the pdf
- 3) **Evernote** : Copy highlighted text over to Evernote

Citing your sources

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How Mendeley can help with this

The screenshot shows the Mendeley desktop application interface. On the left is a sidebar with 'MY LIBRARY' containing categories like All Documents, Recently Added, Favorites, etc., and 'Holometer' is selected. The main area displays a list of documents in the 'Holometer' folder, with 8 documents currently selected. A context menu is open over these selected documents, with 'Copy As' highlighted. The 'Copy As' submenu includes options: Formatted Citation, LaTeX Citation Command, and BibTeX Entry. To the right of the list is a panel with various document details and settings.

MY LIBRARY

- All Documents
- Recently Added
- Recently Read
- Favorites
- Needs Review
- My Publications
- Unsorted
- Active Reading
- Astrophishing
- Broader Impacts
- Cosmology
- CryoLab
- Experimental Physics
- Gravitational Wave Detectors
- Gravitational Waves
- Holometer
- LISA
- Pleiades
- Professional Development
- Quantum Gravity
- Quantum Optomechanics
- Seismic Cloaking
- Create Folder...

GROUPS

- Holometer cosmic strings sea...
- Seismic Cloaking for LIGO
- Team Cryo
- ExoPlanetGWs
- Create Group...

TRASH

- All Deleted Documents

Filter by Authors

All
't Hooft, G.
Aasi, J.

8 of 147 documents selected

Holometer Edit Settings

Authors	Title	Year	Published In	Added
Chou, Aaron S; Gustafson, Richard; Hogan, Craig; Ka...	First Measurements of High Frequency Cross-Spectra from a Pair of Large Michelson Interferometers	2016	Physical Review Letters	Mar 12
Chou, Aaron S; Gustafson, Richard; Hogan, Craig; Ka...	MHz gravitational wave constraints with decameter Michelson interferometers	2017	Physical Review D	Mar 12
Chou, Aaron; Glass, Henry; Gustafson, H Richard; Ho...	The Holometer: an instrument to probe Planckian quantum geometry	2017	Classical and Quantum Grav...	Mar 12
Chou, Aaron; Glass, Henry; Gustafson, H Richard; Kw...	Interferometric constraints on quantum geometrical shear noise correlations	2017	Classical and Quantum Grav...	Mar 12
Damour, Thibault; Vilenkin, Alexander	Gravitational wave bursts from cosmic strings	2000	Physical Review Letters	4/14/17
Sanidas, Sotirios A.; Battye, Richard A.; Stappers, Benj...	Constraints on the mass limit on the scalar field	2012	Physical Review D - Particles, F...	4/14/17
Vilenkin, Alexander	Cosmic Strings			2/17/17
Cruise, A. M.	The potential for gravitational wave detection	2012	Classical and Quantum Grav...	11/7/16
Bennett, C. L.; Larson, D.; Weiland, J. L.; Jarosik, N.;...	Nine-Year Wilkinson Microwave Anisotropy Probe (Wmap) Observatory	2013	The Astrophysical Journal	11/7/16
Fontana, Giorgio	Design of a Gravitational Wave Detector	2004	AIP Conference Proceedings	10/3/16
Cruise, A. M.; Ingleby, R. M. J.	A correlation function for gravitational waves			10/3/16
Cruise, A. M.	An electromagnetic model for gravitational waves			10/3/16
Cruise, A. M.; Ingleby, R M J	A prototype gravitational wave detector			10/3/16
Battaglia, Giuseppina; Helmi, Amina; Morrison, H...	The radial velocity of the dark matter halo: Constraining the density profile of the dark halo	2006	Classical and Quantum Grav...	10/3/16
Chou, Aaron S; Gustafson, Richard; Hogan, Craig; Ka...	First Measurements of High Frequency Cross-Spectra from a Pair of Large Michelson Interferometers	2016	Physical Review Letters	9/16/16
Cyburt, Richard H.; Fields, Brian D.; Olive, Keith A.; S...	New BBN limits on physics beyond the standard model from 4He	2005	Astroparticle Physics	6/10/16
Kibble, T W B	Topology of cosmic domains and strings	1976	Journal of Physics A: Mat...	6/10/16
The Virgo Collaboration	Advanced Virgo: a second-generation interferometric gravitational wave detector	2015	Classical and Quantum Grav...	6/10/16
The LIGO Scientific Collaboration	The Sensitivity of the Advanced LIGO Detectors at the Beginning of Gravitational Wave Astronomy	2016	arXiv	6/10/16
The ePTA Collaboration	The European Pulsar Timing Array and the Large European Array for Pulsars	2013	Classical and Quantum Grav...	6/10/16
Janssen, G. H.; Stappers, B.	European pulsar timing array	2008	AIP Conference	6/10/16

8 documents selected
Edits will affect all selected documents.

Merge Documents

Type: Journal Article

Title
Authors: Authors
Journal:
Year:
Volume:
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Citation Key:

Date Accessed:

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DOI:

Other Settings
 Unpublished work - exclude from Mendeley Web catalog

Directly add pdfs to your folder from the browser

The screenshot shows a web browser window with a journal article from *Journal of the Mechanics and Physics of Solids*. A sidebar on the right is used for managing PDF files.

URL: ac.els-cdn.com/S002250961630549X/1-s2.0-S002250961630549X-main.pdf?_tid=0a0b17e4-
J. Mech. Phys. Solids 99 (2017) 379–393

Contents lists available at ScienceDirect

Journal of the Mechanics and Physics of Solids

journal homepage: www.elsevier.com/locate/jmps

Seismic metasurfaces: Sub-wavelength resonators and Rayleigh wave interaction

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ARTICLE INFO

Keywords:

ABSTRACT

We consider the canonical problem of an array of rods, which act as resonators, placed on an elastic substrate; the substrate being either a thin elastic plate or an elastic half-space. In both cases the flexural plate, or Rayleigh surface, waves in the substrate interact with the resonators to create interesting effects such as effective band-gaps for surface waves, or filters that transform

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Seismic metasurfaces: Sub-wavelength resonators and Rayleigh wave interaction

Colquitt D, Colombi A, Craster R, Roux P, Guenneau S
2017

ABSTRACT We consider the canonical problem of an array of rods, which act as resonators, placed on an elastic substrate; the substrate being either a thin elastic plate or an elastic half-space. In both cases the flexural plate, or Rayleigh surface, waves in the substrate interact with the resonators to create interesting effects such as effective band-gaps for surface waves, or filters that transform

more ▾