

Stanford



Adam Brown

- Phys Sci Res Assoc, Physics
- Adjunct Professor, Physics

Bio

BIO

I'm a theoretical physicist, interested in early universe cosmology, black holes, quantum mechanics, and assorted other topics.

ACADEMIC APPOINTMENTS

- Phys Sci Res Assoc, Physics

LINKS

- my popular article in Scientific American "Can we Mine a Black Hole?": https://www.dropbox.com/sh/mcsd7yrnsI06aku/AAB1fbV_KxagBvGc63Qr7jqia?dl=0
- my academic publications on arXiv: http://arxiv.org/find/hep-th/1/au:+Brown_A/0/1/0/all/0/1

Teaching

COURSES

2015-16

- General Relativity: PHYSICS 262 (Aut)

Publications

PUBLICATIONS

- **Holographic Complexity Equals Bulk Action?** *PHYSICAL REVIEW LETTERS*
Brown, A. R., Roberts, D. A., Susskind, L., Swingle, B., Zhao, Y.
2016; 116 (19)
- **Complexity, action, and black holes** *PHYSICAL REVIEW D*
Brown, A. R., Roberts, D. A., Susskind, L., Swingle, B., Zhao, Y.
2016; 93 (8)
- **CAN WE MINE A BLACK HOLE?** *SCIENTIFIC AMERICAN*
Brown, A.
2015; 312 (2): 44-49
- **Compactifying de Sitter space naturally selects a small cosmological constant** *PHYSICAL REVIEW D*
Brown, A. R., Dahlen, A., Masoumi, A.
2014; 90 (12)
- **Decay of hot Kaluza-Klein space** *PHYSICAL REVIEW D*
Brown, A. R.

2014; 90 (10)

- **Spectrum and stability of compactifications on product manifolds** *PHYSICAL REVIEW D*

Brown, A. R., Dahlen, A.

2014; 90 (4)

- **Flux compactifications on (S-2)(N)** *PHYSICAL REVIEW D*

Brown, A. R., Dahlen, A., Masoumi, A.

2014; 90 (4)