

ALIREZA HOJJATI

Publication List

1. **A. Hojjati** & E. V. Linder,
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2. **A. Hojjati**, I. G. McCarthy et al,
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3. K. Liao et al,
Strong Lens Time Delay Challenge: II. Results of TDC1 ,
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4. **A. Hojjati** & E. V. Linder,
Next Generation Strong Lensing Time Delay Estimation with Gaussian Processes
Phys. Rev. D 90, 123501, arXiv:1408.5143.
5. Y.Z. Ma, L. Van Waerbeke, G. Hinshaw, **A. Hojjati** & D. Scott,
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2015, JCAP, 09, 046, arXiv:1404.4808 .
6. **A. Hojjati**, L. Pogosian, A. Silvestri & G.B. Zhao,
Observable physical modes of modified gravity,
Phys. Rev. D 89, 083505 (2014), arXiv:1312.5309.
7. G. Dobler, C. Fassnacht, T. Treu, P. J. Marshall, K. Liao, **A. Hojjati**, E. Linder
& N. Rumbaugh, *Strong Lens Time Delay Challenge: I. Experimental Design*,
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8. S. Asaba, C. Hikage, K. Koyama, G. Zhao, **A. Hojjati** & L. Pogosian,
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9. **A. Hojjati**, E. V. Linder & Johan Samsing,
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10. **A. Hojjati**, A. G. Kim & E. V. Linder,
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11. Y. Wang, D. Wands, L. Xu, J. De-Santiago & **A. Hojjati**,
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Phys. Rev. D 87, 083503 (2013), arXiv:1301.5315.

12. **A. Hojjati**,
Degeneracies in parametrized modified gravity models,
JCAP01(2013)009, arXiv:1210.3903.
13. **A. Hojjati**, L. Pogosian, A. Silvestri & S. Talbot,
Practical solutions for perturbed $f(R)$ gravity,
Phys. Rev. D 86, 123503 (2012), arXiv:1210.6880.
14. **A. Hojjati**, G. Zhao, L. Pogosian, A. Silvestri, R. Crittenden & K. Koyama,
Cosmological tests of General Relativity: a principal component analysis,
Phys. Rev. D 85, 043508 (2012), arXiv:1111.3960.
15. **A. Hojjati**, L. Pogosian & G. Zhao,
Testing gravity with CAMB and CosmoMC,
JCAP 1108:005, arXiv:1106.4543.
16. **A. Hojjati**, L. Pogosian & G. Zhao,
Detecting Features in the Dark Energy Equation of State: A Wavelet Approach,
JCAP04(2010)007, arXiv:0912.4843v1.
17. A. Akhtari Zavareh, **A. Hojjati** & B. Mirza,
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