

ATLAS Collaboration(Aad, G. et al), Aikot, A., Amos, K. R., Aparisi Pozo, J. A., Bailey, A. J., Bouchhar, N., et al. (2024). Search for a CP-odd Higgs boson decaying into a heavy CP-even Higgs boson and a Z boson in the  $l+l-t(t)\bar{l}\bar{l}$  and  $\bar{t}^{\frac{1}{2}}(\bar{t}^{\frac{1}{2}})\bar{l}\bar{l}$  final states using 140 fb<sup>-1</sup> of data collected with the ATLAS detector. *J. High Energy Phys.*, 02(2), 197–56pp.