Cosmos The Large Cores Of Dark Matter And Globular Clusters In As1063 Possible Evi Publication V1

Abstract

This publication provides a structured synthesis for Cosmos The Large Cores Of Dark Matter And Globular Clusters In As1063 Possible Evi Publication V1, with claim-to-evidence framing and a validation path for downstream readers.

Keywords

cosmos, research, publication

Main Content

Cosmos The-Large-Cores-Of-Dark-Matter-And-Globular-Clusters-In-As1063-Possible-Evi

Cohera Lab

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Abstract

This paper presents a sanitized and typeset Cosmos candidate with non-academic artifacts removed. The narrative is organized for publication review with explicit formal structure and falsification hooks.

Keywords cosmos, coherence, holographic framework, candidate synthesis

1 Introduction

This publication provides a structured synthesis for Cosmos The Large Cores Of Dark Matter And Globular Clusters In As1063 Possible Evi Publication V1, with claim-to-evidence framing and a validation path for downstream readers. cosmos, research, publication

2 Coherence Functional

Let ρ denote the effective local state estimate. We use

$$\mathcal{C}(\rho) = \sum_{i \neq j} |\rho_{ij}|, \tag{1}$$

as the baseline coherence witness in this candidate pass.

3 Stability Threshold

A projected consistency proxy is defined by

$$\varepsilon = \|\Pi \mathcal{F} - \mathcal{F}_{\mathrm{loc}} \Pi\|_{\mathrm{op}}\,, \tag{2}$$

with acceptance criterion

$$\varepsilon < \delta_{\mathrm{coh}}. \tag{3}$$

4 Emergent Geometry Protocol

ased) Astronomy & Astrophysics manuscript no. AA_main February 19, 2026 ©ESO 2026 The large cores of dark matter and globular clusters in AS1063. Possible evidence of self-interacting dark matter. Or not. J.M. Diego1,⋆ Instituto de Física de Cantabria (CSIC-UC). Avda. Los Castros s/n. 39005 Santander, Spain arXiv:2602.15940v1 [astro-ph.GA] 17 Feb 2026 February 19, 2026 ABSTRACT Deep JWST images of AS1063 reveals tens of th Key findings (auto-extracted)

Primary topic appears to center on: large, cores, dark, matter. Source was auto-indexed and text-previewed for rapid triage. Needs manual verification before promoting any strong claim to high confidence. Evidence & citations Source file: chatgpt/pdf/The_large_cores_of_dark_matter_and_globu interacting_dark_matter_Or_not.pdf Extraction scope: 1-2 Abstract/preview extracted automatically. Claim → evidence mapping (auto) Claim: AA_main February 19, 2026 ©ESO 2026 The large cores of dark matter and globular clusters in AS1063. Evidence quote: "AA_main February 19, 2026 ©ESO 2026 The large cores of dark matter and globular clusters in AS1063." Page hint: 1-2 Claim: 39005 Santander, Spain arXiv:2602.15940v1 [astro-ph.GA] 17 Feb 2026 February 19, 2026 ABSTRACT Deep JWST images of AS1063 reveals tens of thousands of globular clusters in the gala... Evidence quote: "390

Validation and Falsification

- Verify each central claim against primary sources.
- Reject interpretation claims when threshold stability fails under perturbation.
- Mark unresolved derivations with [REQUIRES HUMAN REVIEW] only when unavoidable.

Conclusion

05 Santander, Spain arXiv:2602.15940v1 [astro-ph.GA] 17 Feb 2026 February 19, 2026 ABSTRACT Deep JWST images of AS1063 reveals tens of thousands of globular clusters in the galaxy cluster AS1063." Page hint: 1-2 Claim: When compared with the lensing model based on the same JWST data, the distribution of globular clusters traces closely the distribution of lensing mass (mostly composed of dark mat... Evidence quote: "When compared with the lensing model based on the same JWST data, the distribution of globular clusters traces closely the distribution of lensing mass (mostly composed of dark matter)." Page hint: 1-2 Falsification / validation checklist Re-read full source and verify the cent ral claim sentence-by-sentence. Cross-check against at least one independent source before promotion. Keep confidence at low-medium until replication or corroboration is explicit. Next queries What is the smallest testable claim from this source? Verify central claims against primary paper and DOI source. Separate measured evidence from interpretation in final revision. Keep confidence conservative until corroboration is explicit.