Optical Image Discovery of Dark Matter Based on Alternative Facts

³ A. Onestone¹

⁴ ¹Max Born Institute for Solar Research, Earth

1 April 2018

Observations of the rotational curves of galaxies^{1,2}, gravitational lensing of galaxy clusters³, 5 and of temperature and polarization anisotropies of the cosmic microwave background⁴ have 6 previously been interpreted as evidence for the gravitational signatures of a non-baryonic 7 component of matter. Disturbingly, this invisible substance, known as "dark matter", makes 8 up about 26.8 % of the entire mass-energy budget of the Universe. It has long been thought 9 that it is in the very nature of dark matter to be invisible. Here we report the first successful 10 direct imaging of dark matter. This discovery, which has been achieved through the use of 11 alternative facts⁵, is the greatest discovery ever. "Period".⁶ 12

13 **1 Introduction**

The existence of dark matter is arguably one of the deepest puzzles of physics of our time. The search for evidence of dark matter has become the driving force for billion-dollar research facilities such as ESA's Planck satellite⁷ or of experiments designed for the Conseil Européen pour la Recherche Nucléaire (CERN)^{8,9}.

¹⁸ Many of the serious conclusions in this research area, however, have been derived with zero

- ¹⁹ intelligence¹⁰ and have been reported by means of fake news¹¹. This letter presents a much smarter
- ²⁰ and more cost-effective way of finding the desired result. Actually of finding any desired result.



21 2 Results

Figure 1: Optical ($\lambda = 502.7 \text{ nm}$) image of dark matter.

²² We produce the discovery image of dark matter by opening the GNU Image Manipulation ²³ Program (GIMP)¹ first. Then we press < CMD + N > on the computer keyboard to open a new ²⁴ file. We chose a 2D scale of 500 pixels times 500 pixels and select "black" as the filling color of ²⁵ the image. Then we export the image as a PDF file. The result is shown in Figure 1. As expected, ²⁶ it is very dark.

¹Freely available at http://www.gimp.org/.

27 3 Methods

Our line of reasoning is based on a newly developed method of K. Conway⁵, which is referred to as "alternative facts". Rather than wasting our time with the formulation of a hypothesis, unbiased data acquisition (or an analysis of the biasing effects in a sample), an adequate data analysis involving statistics, logical thinking, and the discussion of possible counterarguments, we simply start our argumentation with the desired result (see Section 2) and then phrase our interpretation to fit this pre-defined result.

34 **4 Discussion**

35 (not necessary)

36 5 Conclusion

The powerful "alternative facts" method has the potential of also being applied to other fundamental questions of science and pseudo science, such as the search for non-intelligent aliens, lost keys, the largest prime number, the remaining six of seven Millennium Prize Problems¹², black holes, white holes, even pink holes and assholes, and any other sort of holes and non-holes.

^{1.} Babcock, H. W. The rotation of the Andromeda Nebula. *Lick Observatory Bulletin* 19, 41–51 (1939).

^{2.} Rubin, V. C. & Ford, W. K., Jr. Rotation of the Andromeda Nebula from a Spectroscopic

45	Survey of Emission Regions. ApJ 159, 379 (1970).

46	3.	Wu, XP., Chiueh, T., Fang, LZ. & Xue, YJ. A comparison of different cluster mass esti-
47		mates: consistency or discrepancy? MNRAS 301, 861-871 (1998). astro-ph/9808179.
48	4.	Planck Collaboration et al. Planck 2015 results. XIII. Cosmological parameters. A&A 594,
49		A13 (2016). 1502.01589.
50	5.	Conway, K. Press Secretary Sean Spicer Gave 'Alternative Facts'. NBC News (2017). URL
51		https://www.youtube.com/watch?v=VSrEEDQgFc8.
52	6.	Spicer, S. Spicer: Inauguration had largest audience ever. CNN (2017). URL https:
53		//www.youtube.com/watch?v=PKzHXelQi_A.
54	7.	Planck Collaboration et al. Planck 2013 results. I. Overview of products and scientific results.
55		<i>A&A</i> 571 , A1 (2014). 1303.5062.
56	8.	The-ATLAS-Collaboration. The atlas experiment at the cern large hadron collider. Journal of
57		Instrumentation 3, S08003 (2008). URL http://stacks.iop.org/1748-0221/3/
58		i=08/a=S08003.
59	9.	The-CMS-Collaboration. The cms experiment at the cern lhc. Journal of Instrumentation 3,
60		S08004 (2008). URL http://stacks.iop.org/1748-0221/3/i=08/a=S08004.
61	10.	Spicer, S. Sean Spicer tells CNN Jim Acosta 'You have zero intelligence'. CNN (2017). URL
62		https://www.youtube.com/watch?v=w1qRUwPXDJc&t=3m34s.

- 63 11. Trump, D. Donald Trump shuts down CNN reporter BBC News. BBC News (2017). URL
- 64 https://www.youtube.com/watch?v=W6ZHY0E4_Wg.
- ⁶⁵ 12. Devlin, K. J. The Millennium problems: the seven greatest unsolved mathematical puzzles of
- 66 *our time* (Basic Books, 2003).
- 67 Acknowledgements This work was not supported by any institution or person. Not even partly.