from

A Bibliography of Literary Theory, Criticism and Philology

<http://bit.ly/abibliog>

by José Ángel García Landa

(University of Zaragoza, Spain)

# Multiverse

BBC World Service. "¿Hace ruido un árbol al caer si no está allí nadie para escucharlo? La respuesta de la ciencia y de la filosofía." *BBC News* 4 May 2021.\*

 <https://www.bbc.com/mundo/noticias-56780694>

 2021

Borges, Jorge Luis. "Neil Stewart, *Blanqui.* Gollancz." *Sur* 10.65 (Feb. 1940). From *Borges en Sur (1931-1980).* Rpt. in Borges, *Miscelánea.* Barcelona: Random House Mondadori-DeBols!llo, 2011. (Louis-Auguste Blanqui, multiverse).

Carroll, Sean M. *From Eternity to Here: The Quest for the Ultimate Theory of Time*. C. 2010.

Galfard, Christophe. *The Universe in Your Hand: A JOurney through Space, Time, and Beyond.* (Solar System, astronomy, universe, laws, cosmology, Big Bang, time, quantum theory, nothingness, matter, singularities, multiverse, string theory).

\_\_\_\_\_. *El universo en tu mano: Un viaje extraordinario a los límites del tiempo y el espacio.* Trans. Pablo Álvarez Ellacuría. Barcelona: Blackie Books, 2016.\*

García Landa, José Ángel. *"El Gran Diseño* y *Hacedor de Estrellas (1)."* In García Landa, *Vanity Fea* 9 Dec. 2010.\*

 <http://vanityfea.blogspot.com/2010/12/el-gran-diseno-y-hacedor-de-estrellas.html>

 2010

\_\_\_\_\_. "El Gran Diseño y Hacedor de Estrellas (1)." *Ibercampus (Vanity Fea)* 20 Dec. 2010.\*

 <http://www.ibercampus.es/articulos.asp?idarticulo=13712>

 2010

\_\_\_\_\_. "El Gran Diseño y Hacedor de Estrellas (4): Historias alternativas." In García Landa, *Vanity Fea* 15 Jan. 2011.\*

 <http://vanityfea.blogspot.com/2011/01/el-gran-diseno-y-hacedor-de-estrellas-4.html>

 2011

\_\_\_\_\_. "Sobre mundos paralelos." In García Landa, *Vanity Fea* 24 March 2011.\* (Brian Greene, *Hidden Reality*).

 <http://vanityfea.blogspot.com/2011/03/brian-greene-on-parallel-worlds.html>

 2011

\_\_\_\_\_. "Sobre mundos paralelos." *Ibercampus (Vanity Fea)* 25 March 2011.\*

 <http://www.ibercampus.es/articulos.asp?idarticulo=14527>

 2013

\_\_\_\_\_. "Sobre mundos paralelos." *SSRN* 20 April 2021.\*

[http://ssrn.com/abstract=3821505](http://ssrn.com/abstract%3D3821505)

2021

\_\_\_\_\_. "Sobre mundos paralelos." In García Landa, *Vanity Fea* 21 April 2021.\*

 <https://vanityfea.blogspot.com/2021/04/sobre-mundos-paralelos.html>

 2021

\_\_\_\_\_. "Sobre mundos paralelos." *Academia* 18 June 2021.\*

 <https://www.academia.edu/49280874/>

 2021

\_\_\_\_\_. "Sobre mundos paralelos." *ResearchGate* 27 July 2021.\*

 <https://www.researchgate.net/publication/353492904>

 2021

\_\_\_\_\_. "Sobre mundos paralelos." *Humanities Commons*  27 Aug. 2021.\*

 [https://hcommons.org/deposits/item/hc:41169/](https://hcommons.org/deposits/item/hc%3A41169/)

 [http://dx.doi.org/10.17613/z1e6-nc35](https://hcommons.org/deposits/item/hc%3A41169)

 2021

\_\_\_\_\_. "Sobre mundos paralelos." *Net Sight de José Angel García Landa* 4 Jan. 2023.\*

 <https://personal.unizar.es/garciala/publicaciones/sobremundos.pdf>

 2023

\_\_\_\_\_. "Seguimos en el universo." In García Landa, *Vanity Fea* 15 Oct. 2011.\*

 <http://vanityfea.blogspot.com/2011/10/seguimos-en-el-universo.html>

 2011

\_\_\_\_\_. "*El Gran Diseño* y *Hacedor de Estrellas:* Especulaciones sobre el multiverso y la única realidad." *Social Science Research Network* 9 Dec. 2014.\*

 [http://papers.ssrn.com/abstract=2535379](http://papers.ssrn.com/abstract%3D2535379)

 2014

 *Cultural Anthropology eJournal* 9 Dec. 2014.\*

<http://www.ssrn.com/link/Cultural-Anthropology.html>

 2014

 *Cognition in Mathematics, Science & Technology eJournal* 9 Dec. 2014.\*

 <http://www.ssrn.com/link/Cognition-Math-Science-Tech.html>

 2014

 *English & Commonwealth Literature eJournal* 9 Dec. 2014.\*

 <http://www.ssrn.com/link/English-Commonwealth-Lit.html>

 2014

*Cosmology & Large-Scale Structures eJournal* 9 Dec. 2014.\*

 <https://www.ssrn.com/link/Cosmology-Large-Scale-Structure.html>

 2020

\_\_\_\_\_. "*El Gran Diseño* y *Hacedor de Estrellas." Vanity Fea* 28 Dec. 2014.\*

 <http://vanityfea.blogspot.com.es/2014/12/el-gran-diseno-y-hacedor-de-estrellas.html>

 2014

\_\_\_\_\_. *"El Gran Diseño* y *Hacedor de Estrellas:* Especulaciones sobre el multiverso y la única realidad." *Academia* 1 Jan. 2015.\*

 <https://www.academia.edu/9968384/>

 2014

\_\_\_\_\_. *"El Gran Diseño* y *Hacedor de Estrellas:* Especulaciones sobre el multiverso y la única realidad." *ResearchGate* 1 Jan. 2015.\*

 <https://www.researchgate.net/publication/270276559>

 2014

\_\_\_\_\_. *"El Gran Diseño* y *Hacedor de Estrellas*: Especulaciones sobre el multiverso y la única realidad." *Net Sight de José Angel García Landa* 4 Jan. 2023.\*

<https://personal.unizar.es/garciala/publicaciones/grandiseno.pdf>

 2023

\_\_\_\_\_. "El Gran Diseño y Hacedor de Estrellas (6): Eligiendo nuestro universo." In García Landa, *Vanity Fea* 30 Sept. 2011.\*

 <http://vanityfea.blogspot.com/2011/09/el-gran-diseno-y-hacedor-de-estrellas-6.html>

 2011

\_\_\_\_\_. "Eligiendo nuestro universo (El Gran Diseño y Hacedor de Estrellas, 6)." *Ibercampus (Vanity Fea* 30 Sept. 2021.\*

 <https://www.ibercampus.es/eligiendo-nuestro-universo-41529.htm>

 2021

\_\_\_\_\_. "Eligiendo nuestro universo (El Gran Diseño y Hacedor de Estrellas, 6)." In García Landa, *Vanity Fea* 13 April 2022.\*

 <https://vanityfea.blogspot.com/2022/04/eligiendo-nuestro-universo-el-gran.html>

 2022

\_\_\_\_\_. "Eligiendo nuestro universo (Choosing Our Universe)." *SSRN.\**

[http://ssrn.com/abstract=4038884](http://ssrn.com/abstract%3D4038884)

 2022

\_\_\_\_\_. "Eligiendo nuestro universo." *Academia* 14 March 2022.\*

<https://www.academia.edu/73740367/>

 2022

\_\_\_\_\_. "Eligiendo nuestro universo (El Gran Diseño y Hacedor de Estrellas, 6)." *Net Sight de José Angel García Landa* 4 Jan. 2024.\*

 <https://personal.unizar.es/garciala/publicaciones/eligiendonuestro.pdf>

 2024

\_\_\_\_\_. "El multiverso y el ajuste fino de las leyes de la naturaleza." In García Landa, *Vanity Fea* 24 Dec. 2017.\*

 <https://vanityfea.blogspot.com.es/2017/12/el-multiverso-y-el-ajuste-fino-de-las.html>

 2018

\_\_\_\_\_. "El multiverso y el ajuste fino de las leyes de la Naturaleza." *Ibercampus (Vanity Fea)* 26 Dec. 2017.\*

 <https://www.ibercampus.es/el-multiverso-y-el-ajuste-fino-de-las-leyes-de-la-36053.htm>

 2017

Greene, Brian. *Hidden Reality.* 2010. (Multiverse).

Hawking, Stephen. *Black Holes and Baby Universes and Other Essays.* New York: Bantam, 1994.

\_\_\_\_\_. "3. El universo en una cáscara de nuez: El universo tiene múltiples historias, cada una de ellas determinada por una diminuta nuez." In Hawking, *El universo en una cáscara de nuez.* Barcelona: Crítica / Planeta, 2002. 67-100.\*

\_\_\_\_\_. "7. Los nuevos universos membrana: ¿Vivimos en una membrana, o sólo somos hologramas?" In Hawking, *El universo en una cáscara de nuez.* Barcelona: Crítica / Planeta, 2002. 173-201.\*

\_\_\_\_\_. *Brief Answers to Big Questions.* New York: Bantam, 2018.

Hawking, Stephen, and Leonard Mlodinow. "4. Alternative Histories." In Hawking and Mlodinow, *The Grand Design.* New York: Bantam Books, 2010. 61-84.\*

\_\_\_\_\_. "6. Choosing Our Universe." In Hawking and Mlodinow, *The Grand Design.* New York: Bantam Books, 2010. 121-46.\*

Hawking, S. W., and Thomas Hertog. "A Smooth Exit from Eternal Inflation?" *ArXiv* 4 March 2018.\*

 <https://arxiv.org/abs/1707.07702>

 2018

Holt, Jim. *Why Does the World Exist? An Existential Detective Story.* Liveright, 2012. (Adolf Grunbaum, Andrei Linde, Steven Weinberg).

Hossenfelder, Sabine. "Scientific Theory and the Multiverse Madness." *Cosmos and Culture* 22 Jan. 2018.\*

 <https://www.npr.org/sections/13.7/2018/01/22/579666359/scientific-theory-and-the-multiverse-madness>

 2018

Kaku, Michio. *Hyperspace: A Scientific Odyssey through Parallel Universes, Time Warps, and the Tenth Dimensions.* Oxford UP, 1999.

\_\_\_\_\_. *Hiperespacio.* Barcelona: Crítica, 1996.

Myers, P. Z. "How Do Physicists Get Away with Publishing This Crap?" *Pharyngula* 15 June 2020.\*

 <https://freethoughtblogs.com/pharyngula/2020/06/15/how-do-physicists-get-away-with-publishing-this-crap/>

 2020

Nieves, José Manuel. "Un artículo póstumo de Hawking abre la puerta a los universos paralelos." *ABC* 19 March 2018.\*

 <http://www.abc.es/ciencia/abci-articulo-postumo-stephen-hawking-abre-puerta-universos-paralelos-201803191213_noticia.html>

 2018

\_\_\_\_\_. "¿Está el universo repleto de 'universos-bebé'? *ABC* 11 Jan. 2021.\*

 <https://www.abc.es/ciencia/abci-esta-universo-repleto-universos-bebe-202101110934_noticia.html>

 2020

Rubenstein, Mary-Jane. *Worlds Without End: The Many Lives of the Multiverse.* New York: Columbia UP, 2013.\*

 <http://www.maryjanerubenstein.com/>

 2015

Saunders, S., J. Barrett, A. Kent and D. Wallace, eds. *Many Worlds?* Oxford: Oxford UP, 2010. (Quantum physics).

Smolin, Lee. "II.3. The Setting: The Puzzles of Contemporary Cosmology." In *The Singular Universe and the Reality of Time.* By Roberto Mangabeira Unger and Lee Smolin. Cambridge: Cambridge UP, 2015. 393-413.\* (Cosmology, Astronomy, Big Bang, Singularity, Future, Multiverse).

Soler Gil, Francisco. "El multiverso y el ajuste fino de las leyes de la naturaleza." In *La inteligencia en la naturaleza.* Ed. Francisco Rodríguez Valls. Madrid: Biblioteca Nueva, 2012. 135-45.

Stewart, Neil. *Blanqui.* London: Gollancz, c. 1940. (Louis-Auguste Blanqui, multiverse).

Tegmark, Max. "Are Parallel Universes Unscientific Nonsense? Insider Tips for Criticizing the Multiverse." *Scientific American* 4 Feb. 2014.\*

 <http://blogs.scientificamerican.com/guest-blog/2014/02/04/are-parallel-universes-unscientific-nonsense-insider-tips-for-criticizing-the-multiverse/?WT.mc_id=SA_sharetool_Twitter>

 2014

Toboso, Mario. "El Universo sería una suma de historias posibles." *Tendencias científicas* 4 June 2006.\*

 <http://www.tendencias21.net/El-Universo-seria-una-suma-de-historias-posibles_a1022.html>

 2011

Unger, Roberto Mangabeira, and Lee Smolin. *The Singular Universe and the Reality of Time.* Cambridge: Cambridge UP, 2015.\*

Vilenkin, Alex. *Many Worlds in One.* Multiverse cosmology.

Wallace, David. *The Emergent Multiverse.* Oxford: Oxford UP, 2012.\*

Literature

Stapledon, Olaf. *Star Maker.* SF novel. London: Methuen, 1937.

\_\_\_\_\_. *Star Maker.* In *Last and First Men and Star Maker: Two Science Fiction Novels.* New York: Dover, 1968.\*

\_\_\_\_\_. *Hacedor de estrellas.* Barcelona: Minotauro.

Video

"The Anthropic Principle." (Alastair Richmond, John Peacock). *YouTube (Philosophy at the University of Edinburgh*) 2014.\*

 <https://youtu.be/jV4NT7GsrKY?list=PLKuMaHOvHA4pOyx4X0jqvjJIElvVXzd9k>

 2015

Ballyn, Charles. "24. The Multiverse and Theories of Everything." *YouTube (YaleCourses)* 29 Sept. 2008.\*

 <http://youtu.be/YAxwmiKrjgU>

 2013

Barrau, Aurélien. "La Peur du Multivers: Le Multivers est-il une Menace?" Video lecture. *YouTube (Jensky)* 3 Dec. 2018.\*

<https://youtu.be/HUl3S8LiPWw>

 2020

Brown, Harvey. "The Arrow of Time & the Many Worlds Interpretation." *YouTube (Brad Younger)* 28 Feb. 2015.\*

 <http://youtu.be/RwYcPra40CY>

 2015

Callender, Craig, and Sean Carroll. "Craig Callender and Sean Carroll on the Arrow of Time and the Multiverse." Video conversation. *YouTube (CK)* 9 sept. 2013.\*

 <http://youtu.be/rs6FsLMHBTs>

 2015

Carroll, Sean M. "The Origin of the Universe and the Arrow of Time." Lecture, 2009. 2-part video. *TED* Feb 2010.\*

 <http://www.ted.com/talks/sean_carroll_on_the_arrow_of_time.html>

 2011

\_\_\_\_\_. "Cosmology and the Arrow of Time." *TEDX Talks* (2011).

 <http://www.youtube.com/watch?v=WMaTyg8wR4Y>

 2012

Dick, Philip K. "If You Find This World Bad, You Should See Some of the Others." Video - Philip K Dick speech (interpreter edited out) in Metz, France, 1977. *YouTube (Brynnium)* 17 May 2021.\* (Virtual reality, world as stage, multiverse, buried memories, creation, vision).

<https://youtu.be/DQbYiXyRZjM>

 2023

Fridman, Lex. "Stephen Wolfram: Cellular Automata, Computation, and Physics | Lex Fridman podcast #89." Video interview, 2019. *YouTube (Lex Fridman)*.\*

<https://youtu.be/ez773teNFYA>

2022

\_\_\_\_\_. "Stephen Wolfram: Complexity and the Fabric of Reality | Lex Fridman Podcast #234." Video interview. *YouTube (Lex Fridman)* 27 Oct. 2021\* (Randomness, intelligence, physics, space-time, quantum theory, computation, consciousness, motion, space, time, topsight, models, multiverse, limitations, perspectivism, attention, simultaneity)

<https://youtu.be/4-SGpEInX_c>

2022

"Giordano Bruno: L'Infini, l'Univers et les Mondes." Audio (French radio). *YouTube (Deus sive natura)* 3 Aug. 2019.\*

 <https://youtu.be/a6b4UTjhF50>

 2019

Guth, Alan. "Inflationary Cosmology: Is Our Universe Part of a Multiverse?" *YouTube (MIT Opencourseware)* 1 July 2014.\*

<http://youtu.be/ANCN7vr9FVk>

2014

Hernández García, Paloma. "Cosmología, Big Bang y Multiverso, con Carlos Madrid Casado. FORJA 263." Video interview. *YouTube (Fortunata y Jacinta)* 6 July 2024.\*

<https://youtu.be/LvOzNOUj92c>

 2024

Lightman, Alan. "The Accidental Universe: The World You Thought You Knew." Video. Lecture at Santa Fe Institute, 6 May 2015. *YouTube (Santa Fe Institute)* 14 May 2015.\*

 <https://youtu.be/6O-MAimTc_0>

 2016

Rees, Martin (Sir). "What We Still Don't Know: Are We Real?" *Channel 4.* Online at *YouTube* (*BassD77)* 17 Aug. 2011.\*

 <http://youtu.be/oyH2D4-tzfM>

 2013

Soler Gil, Francisco. "El multiverso y el ajuste fino de las leyes de la naturaleza." Video lecture. *YouTube (Philosophie der Kosmologie)* 20 July 2015.\*

 <https://youtu.be/hp0TLaZPca0>

 2017

*The Simulation Hypothesis. YouTube (Fair Wind Films)* 6 Oct. 2015.\*

 <https://youtu.be/VqULEE7eY8M>

 2017

Fridman, Lex. "Stephen Wolfram: Fundamental Theory of Physics, Life, and the Universe | Lex Fridman Podcast #124." Video interview. *YouTube (Lex Fridman)* 16 Sept. 2020.\* (Models, Reducibility, Cybernetics, Computation, Pandemics, Theories, Quantum theory, Relativity, Mathematics, Multiverse)

<https://youtu.be/-t1_ffaFXao>

 2022