from

A Bibliography of Literary Theory, Criticism and Philology

<http://bit.ly/abibliog>

by José Ángel García Landa

(University of Zaragoza, Spain)

# Complexity

Acerbi, Alberto, Jeremy Kendal, and Jamshid J. Tehrani. "Cultural Complexity and Demographics: The Case of Fairy Tales." *Evolution & Human Behavior* 0.0 (2017).\*

DOI: <http://dx.doi.org/10.1016/j.evolhumbehav.2017.03.005>

<http://www.ehbonline.org/article/S1090-5138(16)30274-4/abstract>

2017

Bal, Mieke. "10. Narrative Here-Now." In *Narrative Complexity: Cognition, Embodiment, Evolution.* Ed. Marina Grishakova and Maria Poulaki. Lincoln: U of Nebraska P, 2019. 247-69.\*

Bascompte Sacrets, Jordi, and Bartolomé Luque Serrano. *Evolución y complejidad.* Valencia: U de Valencia, 2012. Online preview at Google Books:

<https://books.google.es/books?id=cLE2jRznWqgC>

2018

Bateson, Gregory. *Mind and Nature.* New York: Dutton, 1979. (Complexity).

Benzon, William L. "Pursued by Knowledge in a Fecund Universe." *Journal of Social and Evolutionary Systems* 20.1 (c. 1996): 93-100. (Rev. of John Horgan's *The End of Science*).

Benzon, W. L., and D. G. Hays. "Why Natural Selection Leads to Complexity." *Journal of Social and Biological Structures* 13 (1990): 33-40. Online at *Asweknowit.ca.\**

<http://asweknowit.ca/evcult/Complexity.shtml>

2010

Online at *Academia:*

<https://www.academia.edu/8488872/>

2015

Boje, David M. "Complexity Storytelling Theory Method and Practice."

<http://peaceaware.com/655/>

2010

Bondarenko, Dmitri, and Ken Baskin. "Big History, Complexity Theory, and Life in a Non-Linear World." In *From Big Bang to Galactic Civilizations: A Big History Anthology, vol. III.* Ed. Barry Rodrigue, Leonid Grinin, and Andrey Korotaev. London: Primus Books, 2016. Online at *Academia (Dmitri Bondarenko)*

<https://www.academia.edu/29174417/>

2016

Brütsch, Matthias. "Complex Narration in Film: Reflections on the Interplay of Deception, Distancing and Empuzzlement." In *Perturbatory Narration in Film: Narratological Studies on Deception, Paradox and Empuzzlement.* Ed. Sabine Schlickers and Vera Toro. Berlin and Boston, 2018. 135-53.\*

<http://doi.org/10.1515/9783110566574-009>

2018

Chaisson, Eric. *Cosmic Evolution: The Rise of Complexity in Nature.* Cambridge (MA): Harvard UP, 2001.

\_\_\_\_\_. "6. Biological Epoch: Complexity Sustained." In Chaisson, *Epic of Evolution: Seven Ages of the Cosmos.* New York: Columbia UP, 2006. 298-369.\*

Checkland, Peter. *Systems Thinking, Systems Practice.* New York: John Wiley and Sons, 1981.

Christian, David. "2. Origins of the Galaxies and Stars: The Beginnings of Complexity." In Christian, *Maps of Time: An Introduction to Big History.* Berkeley: U of California P, 2004. 2005. 39-56.\*

Ciccoricco, David, and David Large. "2. Caution, Simulation Ahead: Complexity and Digital Narrativity." In *Narrative Complexity: Cognition, Embodiment, Evolution.* Ed. Marina Grishakova and Maria Poulaki. Lincoln: U of Nebraska P, 2019. 56-72.\*

Cohen, Jack, and Ian Stewart. *The Collapse of Chaos: Discovering Simplicity in a Complex World.* New York: Viking, 1994.

Cohn, Neil. "7. Structural Complexity in Visual Narratives: Theory, Brains, and Cross-Cultural Diversity." In *Narrative Complexity: Cognition, Embodiment, Evolution.* Ed. Marina Grishakova and Maria Poulaki. Lincoln: U of Nebraska P, 2019. 174-99.\*

Couloubatsiris, Lambros. *La philosophie face à la question de la complexité.* Ousia, 2014.

Ekman, Ulrik. "5. The Complexity of Informative Autobiographies." In *Narrative Complexity: Cognition, Embodiment, Evolution.* Ed. Marina Grishakova and Maria Poulaki. Lincoln: U of Nebraska P, 2019. 121-46.\*

Escohotado, Antonio. *Caos y orden.* Madrid: Espasa, 1999. (Premio Espasa Hoy de Ensayo 1999).

Feyerabend, Paul K. *Against Method.* Atlantic Highlands (NJ): Humanities Press, 1975.

\_\_\_\_\_. *Against Method: Outline of an Anarchistic Theory of Knowledge.* London: New Left Books, 1975.

\_\_\_\_\_. *Contra el método: Esquema de una teoría anarquista del conocimiento.* Barcelona: Ariel, 1975.\*

García Landa, José Ángel. "Cuádruple superveniencia." In García Landa, *Vanity Fea* 17 April 2008. (Gary Marcus, supervenience, contingency).

<http://garciala.blogia.com/2008/041702-cuadruple-superveniencia.php>

2008

\_\_\_\_\_. "Cuádruple superveniencia (Fourfold Supervenience)." *Social Science Research Network* 24 May 2015.\*

<http://papers.ssrn.com/abstract=2609447>

2015

*Psychological Anthropology eJournal* 24 May 2015.\*

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

2015

*Cultural Anthropology eJournal* 24 May 2015.\*

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

2015

*Biological Anthropology eJournal* 24 May 2015.\*

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

2015

*Cognition & the Arts eJournal* 24 May 2015.\*

<http://www.ssrn.com/link/Cognition-Arts.html>

2015

*Philosophy of Mind eJournal* 24 May 2015.\*

<http://www.ssrn.com/link/Philosophy-Mind.html>

2015

\_\_\_\_\_. "Cuádruple superveniencia (Fourfold Supervenience)." In García Landa, *Vanity Fea* 1 June 2015.\*

<http://vanityfea.blogspot.com.es/2015/06/cuadruple-superveniencia-fourfold.html>

2015

\_\_\_\_\_. "El orden natural y la complejidad: Paley, Lamarck, Vico y el Génesis." In García Landa, *Vanity Fea* 30 March 2009.

<http://garciala.blogia.com/2009/033001-el-orden-natural-y-la-complejidad-paley-lamarck-vico-y-el-genesis.php>

2009

\_\_\_\_\_. "El orden natural y la complejidad: Paley, Lamarck, Vico, y el Génesis." *SSRN* 25 May 2015.\*

<http://ssrn.com/abstract=2609894>

2015

\_\_\_\_\_. "El orden natural y la complejidad: Paley, Lamarck, Vico, y el Génesis." In García Landa, *Vanity Fea* 2 June 2015.\*

<http://vanityfea.blogspot.com.es/2015/06/el-orden-natural-y-la-complejidad-paley.html>

2015

\_\_\_\_\_. "El orden natural y la complejidad: Paley, Lamarck, Vico y el Génesis." *Academia* 28 Dec. 2016.\*

<https://www.academia.edu/30644890/>

2016

<https://www.academia.edu/83763806/>

2022

\_\_\_\_\_. "El orden natural y la complejidad: Paley, Lamarck, Vico y el Génesis." *ResearchGate* 29 Dec. 2016.\*

<https://www.researchgate.net/publication/311953334>

2016

\_\_\_\_\_. "El orden natural y la complejidad: Paley, Lamarck, Vico y el Génesis." *Net Sight de José Angel García Landa* 4 Jan. 2024.\*

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

2024

\_\_\_\_\_. "El orden natural y la complejidad, 1: Paley." *Ibercampus* 30 March 2019.\*

<https://www.ibercampus.es/el-orden-natural-y-la-complejidad-1-paley-38111.htm>

2019

\_\_\_\_\_. "El orden natural y la complejidad, 2: Lamarck." *Ibercampus (Vanity Fea)* 1 April 2019.\*

<https://www.ibercampus.es/el-orden-natural-y-la-complejidad-2-lamarck-38133.htm>

2019

\_\_\_\_\_. "El orden natural y la complejidad, 3: Vico." *Ibercampus (Vanity Fea)* 5 April 2019.\*

<https://www.ibercampus.es/el-orden-natural-y-la-complejidad-3-vico-38165.htm>

2019

\_\_\_\_\_. "El orden natural y la complejidad, 4: El Génesis." *Ibercampus (Vanity Fea)* 6 April 2019.\*

<https://www.ibercampus.es/el-orden-natural-y-la-complejidad-4-el-genesis-38180.htm>

2019

\_\_\_\_\_. "El efecto mariposa y la complejidad *ex nihilo."* In García Landa, *Vanity Fea* 2 Aug. 2009.\* (Spencer).

<http://vanityfea.blogspot.com/2009/08/el-efecto-mariposa-y-la-complejidad-ex.html>

2009

\_\_\_\_\_. "El efecto mariposa y la complejidad *ex nihilo." Ibercampus (Vanity Fea)* 9 June 2015.\*

<http://www.ibercampus.es/el-efecto-mariposa-y-la-complejidad-ex-nihilo-30497.htm>

2016

\_\_\_\_\_. "El efecto mariposa y la complejidad *ex nihilio." Social Science Research Network* 28 Jan. 2016.\*

<http://ssrn.com/abstract=2723360>

2016

*Human Cognition in Evolution & Development* 28 Jan. 2016.\*

<http://www.ssrn.com/link/Human-Cognition-Evolution-Development.html>

2016

*History of Western Philosophy eJournal* 28 Jan. 2016.\*

<http://www.ssrn.com/link/History-of-Western-Philosophy.html>

2016

*Metaphysics eJournal* 28 Jan. 2016.\*

<http://www.ssrn.com/link/Metaphysics.html>

2016

*Philosophy of Science eJournal* 28 Jan. 2016.\*

<http://www.ssrn.com/link/Philosophy-Science.html>

2016

\_\_\_\_\_. "El efecto mariposa y la complejidad ex nihilo." In García Landa, *Vanity Fea* 9 Feb. 2016.\*

<http://vanityfea.blogspot.com.es/2016/02/el-efecto-mariposa-y-la-complejidad-ex.html>

2016

\_\_\_\_\_. "El efecto mariposa y la complejidad *ex nihilo." Academia* 9 Oct. 2017.\*

<https://www.academia.edu/34811033/>

2017

\_\_\_\_\_. "El efecto mariposa y la complejidad *ex nihilo." ResearchGate* 11 Oct. 2017.\*

<https://www.researchgate.net/publication/320311430>

2017

\_\_\_\_\_. "El Efecto Mariposa y la complejidad ex nihilo: Cómo surgió todo por la multiplicación de los efectos." *Net Sight de José Angel García Landa* 5 Jan. 2023.\*

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

2023

\_\_\_\_\_. "El ¿pernicioso? Legado de la Gran Cadena del Ser." In García Landa, *Vanity Fea* August 2011.\* (Dawkins, evolution, complexity).

<http://vanityfea.blogspot.com/2011/08/el-pernicioso-legado-de-la-gran-cadena.html>

2011

\_\_\_\_\_. "La complejidad sale cara." In García Landa, *Vanity Fea* 11 Sept. 2011.\*

<http://vanityfea.blogspot.com/2011/09/la-complejidad-sale-cara.html>

2011

\_\_\_\_\_. "La complejidad sale cara." *Ibercampus (Vanity Fea)*

3 Oct. 2011.\*

<http://www.ibercampus.info/articulo.asp?idarticulo=14544>

2013

\_\_\_\_\_. "La complejidad sale cara: Panorama de la Evolución antes de la Disolución (Complexity Is Expensive: A Panorama of Evolution before Dissolution)." *Social Science Research Network* 5 April 2015.\*

<http://papers.ssrn.com/abstract=2589662>

2015

*Environmental Anthropology eJournal* 5 April 2015.\*

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

2015

*Biological Anthropology eJournal* 5 April 2015.\*

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

2015

*Human Cognition in Evolution & Development eJournal* 5 April 2015.\*

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

2015

*Socially Responsible Investment eJournal* 5 April 2015.\*

<http://www.ssrn.com/link/Socially-Responsible-Investment.html>

2015

*History of Western Philosophy eJournal* 5 April 2015.\*

<http://www.ssrn.com/link/History-of-Western-Philosophy.html>

2015

*Philosophy of Science eJournal* 5 April 2015.\*

<http://www.ssrn.com/link/Philosophy-Science.html>

2015

\_\_\_\_\_. "La complejidad sale cara: Panorama de la Evolución antes de la Disolución." In García Landa, *Vanity Fea* 16 April 2015.\*

<http://vanityfea.blogspot.com.es/2015/04/la-complejidad-sale-cara-panorama-de-la.html>

2015

\_\_\_\_\_. "La complejidad sale cara: Panorama de la Evolución antes de la Disolución." *Academia* 7 Oct. 2015.\*

<https://www.academia.edu/28974639/>

2016

\_\_\_\_\_. "La complejidad sale cara: Panorama de la Evolución antes de la Disolución." *ResearchGate* 9 Oct. 2016.\*

<https://www.researchgate.net/publication/308954021>

2016

\_\_\_\_\_. "La complejidad sale cara: Panorama de la Evolución antes de la Disolución."*Net Sight de José Angel García Landa* 4 Jan. 2024.\*

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

2024

\_\_\_\_\_. "Micromotivos, retroalimentación, y fenómenos emergentes." In García Landa, *Vanity Fea* 15 Dec. 2011.\* (Pinker, complexity, Spencer, Lucretius).

<http://vanityfea.blogspot.com/2011/12/micromotivos-retroalimentacion-y.html>

2011

\_\_\_\_\_. "Micromotivos, retroalimentación, y fenómenos emergentes." *Social Science Research Network* 8 Nov. 2015.\*

<http://ssrn.com/abstract=2687400>

2015

*Human Cognition in Evolution and Development eJournal* 8 Nov. 2015.\*

<http://www.ssrn.com/link/Human-Cognition-Evolution-Development.html>

2015

*History of Economics eJournal* 8 Nov. 2015.\*

<http://www.ssrn.com/link/history-of-economics.html>

2015

*Philosophy and Methodology of Economics eJournal* 8 Nov. 2015.\*

<http://www.ssrn.com/link/Philosophy-Methodology-Economics.html>

2015

*History of Western Philosophy eJournal* 8 Nov. 2015.\*

<http://www.ssrn.com/link/History-of-Western-Philosophy.html>

2015

\_\_\_\_\_. "Coherencia contra complejidad." In García Landa, *Vanity Fea* 31 Aug. 2013.\*

<http://vanityfea.blogspot.com.es/2013/08/coherencia-contra-complejidad.html>

2013

\_\_\_\_\_. "La complejidad del tiempo humano en George H. Mead." Lecture at the HERAF seminar "Temporalidad, Espacialidad, Corporalidad." Universidad de Zaragoza, Facultad de Filosofía y Letras, 19 March 2015.\* Online at *Net Sight de José Angel García Landa*:

<http://www.unizar.es/departamentos/filologia_inglesa/garciala/publicaciones/ComplejidadMead.html>

2015

<http://personal.unizar.es/garciala/publicaciones/ComplejidadMead.html>

2019

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

2023

\_\_\_\_\_. "La complejidad del tiempo humano en George Herbert Mead (The Complexity of Human Time in George Herbert Mead)." *Social Science Research Network* 6 May 2015.\*

<http://papers.ssrn.com/abstract=2602926>

2015

*Cultural Anthropology eJournal* 6 May 2015.\*

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

2015

*Psychological Anthropology eJournal* 6 May 2015.\*

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

2015

*Cognitive Social Science eJournal* 6 May 2015.\*

<http://www.ssrn.com/link/Cognitive-Social-Science.html>

2015

*History of Western Philosophy eJournal* 6 May 2015.\*

<http://www.ssrn.com/link/History-of-Western-Philosophy.html>

2015

*Metaphysics eJournal* 6 May 2015.\*

<http://www.ssrn.com/link/Metaphysics.html>

2015

\_\_\_\_\_. "La complejidad del tiempo humano en George Herbert Mead." In García Landa, *Vanity Fea* 18 May 2015.\*

<http://vanityfea.blogspot.com.es/2015/05/la-complejidad-del-tiempo-humano-en.html>

2015

\_\_\_\_\_. "La complejidad del tiempo humano en George Herbert Mead." *Academia* 7 Nov. 2016.\*

<http://www.academia.edu/29707186>

2016

\_\_\_\_\_. "La complejidad del tiempo humano en George Herbert Mead." *ResearchGate* 8 Nov. 2016.\*

<https://www.researchgate.net/publication/309764549>

2016

\_\_\_\_\_. "7. George Herbert Mead y la complejidad del tiempo humano." In *Corporalidad, Temporalidad, Afectividad: Perspectivas Filosófico-Antropológicas.* Ed. Luisa Paz Rodríguez Suárez and

\_\_\_\_\_. "Addison on Aliens." In García Landa, *Vanity Fea* 13 Dec. 2014.\*

<http://vanityfea.blogspot.com.es/2014/12/addison-on-aliens.html>

2014

\_\_\_\_\_. "Addison on Aliens." *Ibercampus (Vanity Fea)* 15 Dec. 2014.\*

<http://www.ibercampus.eu/addison-on-aliens-2605.htm>

2015

\_\_\_\_\_. "Addison on Aliens." *Social Science Research Network* 8 Jan. 2015.\*

<http://ssrn.com/abstract=2543435>

2015

\_\_\_\_\_. "Addison on Aliens." *Academia* 30 May 2015.\*

<https://www.academia.edu/12682907>

2015

\_\_\_\_\_. "Addison on Aliens: On the Origins of the Evolutionary Epic." *ResearchGate* 23 March 2016.\*

<https://www.researchgate.net/publication/299385986>

2016

\_\_\_\_\_. "Addison y los extraterrestres." In García Landa, *Vanity Fea* 30 May 2015.\*

<http://vanityfea.blogspot.com.es/2015/05/addison-y-los-extraterrestres.html>

2015

\_\_\_\_\_. "The Story behind Any Story: Evolution, Historicity, and Narrative Mapping." In *Emerging Vectors of Narratology.* Ed. Per Krogh Hansen, John Pier, Philippe Roussin and Wolf Schmid. (Narratologia, 57). Berlin and Boston: De Gruyter, 2017. 567-91.\*

<https://doi.org/10.1515/9783110555158>

<https://www.degruyter.com/view/books/9783110555158/9783110555158-026/9783110555158-026.xml>

2017

\_\_\_\_\_. "The Story Behind Any Story: Evolution, Historicity, and Narrative Mapping." In García Landa, *Vanity Fea* 5 Sept. 2017.\*

<http://vanityfea.blogspot.com.es/2017/09/the-story-behind-any-story-evolution.html>

2017

\_\_\_\_\_. "The Story Behind Any Story: Evolution, Historicity, and Narrative Mapping." *SSRN* 11 March 2021.\*

<https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3769109>

2021

*Literary Theory & Criticism eJournal* 11 March 2021.\*

<https://www.ssrn.com/link/English-Lit-Theory-Criticism.html>

2021

*Amet: Environmental History & Review eJournal* 11 March 2021.\*

<https://www.ssrn.com/link/Amet-Environmental-History-Rev.html>

2021

*The Repository: Historiographical Journal* 11 March 2021.\*

<https://www.ssrn.com/link/The-Repository-Historiographical.html>

2021

*History of Western Philosophy eJournal* 11 March 2021.\*

<https://www.ssrn.com/link/History-of-Western-Philosophy.html>

2021

*Philosophy of Science eJournal* 11 March 2021.\*

<https://www.ssrn.com/link/Philosophy-Science.html>

2021

\_\_\_\_\_. "The Story Behind Any Story: Evolution, Historicity, and Narrative Mapping." *Academia* 31 Jan. 2021.\*

<https://www.academia.edu/45020020/>

2021

\_\_\_\_\_. "The Story Behind Any Story: Evolution, Historicity, and Narrative Mapping." *ResearchGate* 31 Jan. 2021.\*

<https://www.researchgate.net/publication/318922652>

2021

\_\_\_\_\_. "The Story Behind Any Story: Evolution, Historicity, and Narrative Mapping." *Humanities Commons* 31 March 2021.\*

<https://hcommons.org/deposits/item/hc:38065/>

<https://doi.org/10.1515/9783110555158>

2021

\_\_\_\_\_. "In Hindsight: Supervenience, Complexity, and Narrative Mapping." In García Landa, *Vanity Fea* 7 Feb. 2016.\*

<http://vanityfea.blogspot.com.es/2016/02/in-hindsight-supervenience-complexity.html>

2016

\_\_\_\_\_. "En perspectiva retrospectiva: La narración como (des)entrelazamiento de la complejidad." *Ibercampus (Vanity Fea)* 6 Sept. 2016.\*

<http://www.ibercampus.es/en-perspectiva-retropectiva-33630.htm>

2016

\_\_\_\_\_. "En perspectiva retrospectiva: La narración como (des)entrelazamiento de la complejidad." *Academia* 9 Nov. 2017.\*

<https://www.academia.edu/35101429/>

2017

\_\_\_\_\_. "En perspectiva retrospectiva: La narración como (des)entrelazamiento de la complejidad." *ResearchGate* 10 Nov. 2017.\*

<https://www.researchgate.net/publication/320979406>

2017

\_\_\_\_\_. "En perspectiva retrospectiva: La narración como (des)entrelazamiento de la complejidad." *Net Sight de José Angel García Landa* 5 Jan. 2023.\*

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

2023

\_\_\_\_\_. "El ordenamiento del tiempo: Sobre la flecha del tiempo en la teoría evolucionista de la Física." *Academia* 20 April 2017.\*

<https://www.academia.edu/32538805/>

2017

\_\_\_\_\_. "El ordenamiento del tiempo: Sobre la flecha del tiempo en la teoría evolucionista de la Física." *ResearchGate* 22 April 2017.\*

<https://www.researchgate.net/publication/316363947>

2017

\_\_\_\_\_. "In Hindsight: Complexity, Contingency, and Narrative Mapping." 2017. In Narrative Complexity: Cognition, Embodiment, Evolution. Ed. Marina Grishakova and Maria Poulaki. (Frontiers of Narrative). Lincoln: U of Nebraska P, 2019. 414-36.\*

<https://www.nebraskapress.unl.edu/university-of-nebraska-press/9780803296862/>

2019

Online preview at Google Books:

<https://books.google.es/books?id=-OeZDwAAQBAJ>

2019

\_\_\_\_\_. "In Hindsight: Complexity, Contingency, and Narrative Mapping." In *Narrative Complexity.* Ed. Marina Grishakova and Maria Poulaki. Online at *JSTOR* (Aug. 2019).\*

<https://www.jstor.org/stable/j.ctvhktjh6>

DOI: 10.2307/j.ctvhktjh6.23

2019

\_\_\_\_\_. "In Hindsight: Complexity, Contingency, and Narrative Mapping." *SSRN* 27 Jan. 2021.\*

[http://ssrn.com/abstract=3774020](https://ssrn.com/abstract=3774020)

2021

*Cognition & Culture (…) eJournal* 27 Jan. 2021.\*

<https://www.ssrn.com/link/Cognition-Culture.html>

2021

*Amet: Environmental History & Review eJournal* 27 Jan. 2021.\*

<https://www.ssrn.com/link/Amet-Environmental-History-Rev.html>

2021

*The Repository: Historiographical Journal* 27 Jan. 2021.\*

<https://www.ssrn.com/link/The-Repository-Historiographical.html>

2021

*Philosophy eJournal* 27 Jan. 2021.\*

<https://www.ssrn.com/link/Philosophy-Mind.html>

2021

*Philosophy of Science eJournal* 27 Jan. 2021.\*

<https://www.ssrn.com/link/Philosophy-Science.html>

2021

*Metaphysics eJournal* 27 Jan. 2021.\*

<https://www.ssrn.com/link/Metaphysics.html>

2021

\_\_\_\_\_. "In Hindsight: Complexity, Contingency, and Narrative Mapping." *Academia* 31 Jan. 2021.\*

<https://www.academia.edu/45016688/>

2021

\_\_\_\_\_. "In Hindsight: Complexity, Contingency, and Narrative Mapping." *ResearchGate* 31 Jan. 2021.\*

<https://www.researchgate.net/publication/334860214>

2021

\_\_\_\_\_. "In Hindsight: Complexity, Contingency and Narrative Mapping" *Ibercampus (Vanity Fea)* 9 April 2021.\*

<https://www.ibercampus.eu/in-hindsight-5405_10.htm>

2021

\_\_\_\_\_. "In Hindsight: Complexity, Contingency, and Narrative Mapping." In García Landa, *Vanity Fea* 9 April 2021.\*

<https://vanityfea.blogspot.com/2021/04/in-hindsight-complexity-contingency-and.html>

2021

\_\_\_\_\_. "In Hindsight: Complexity, Contingency, and Narrative Mapping." *Net Sight de José Angel García Landa* 22 Dec. 2022.\*

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

2022

\_\_\_\_\_. "Narrative Complexity." In García Landa, *Vanity fea* 30 Oct. 2018.\*

<https://vanityfea.blogspot.com/2018/10/narrative-complexity.html>

2018

\_\_\_\_\_. "Historia de la Complejidad." In García Landa, *Vanity Fea* 27 Feb. 2021.\*

<https://vanityfea.blogspot.com/2021/02/historia-de-la-complejidad.html>

2021

\_\_\_\_\_. "Un orden ineluctable: Teilhard de Chardin y el despliegue de la complejidad." In García Landa, *Vanity Fea* 3 Nov. 2021.\* (Chain of Being).

<https://vanityfea.blogspot.com/2021/11/un-orden-ineluctable.html>

2021

\_\_\_\_\_. "Humanización, herramientas y complejidad." In García Landa, *Vanity Fea* 28 April 2023.\*

<https://vanityfea.blogspot.com/2023/04/humanizacion-herramientas-y-complejidad.html>

2023

Gell-Mann, Murray. *The Quark and the Jaguar: Adventures in the Simple and the Complex.* 1994.

\_\_\_\_\_. *El quark y el jaguar: Aventuras en lo simple y lo complejo.* Trans. Ambrosio García and Romualdo Pastor. (Metatemas, 38). Barcelona: Tusquets, 1995. 2nd. ed. 1995. 3rd ed. 1996. 4th ed. 2003.\*

\_\_\_\_\_. (On complexity). *Complexity* 1 (1995): 16-19.

Givón, T. *The Genesis of Syntactic Complexity.* Amsterdam: J. Benjamins, 2009.

Givón, T., and M. Shibatani, eds. *Syntactic Complexity.* (TSL, 85). Amsterdam: J. Benjamins, 2009.

Gleick, James. *Chaos: Making a New Science.* New York: Viking, 1987.

Gould, Stephen Jay. "Just in the Middle." In Gould, *The Flamingo's smile.* 1985. Harmondsworth: Penguin, 1991. 377-91.\* (E. E. Just, complexity and hierarchy).

\_\_\_\_\_. "Justamente en medio."In Gould, *La sonrisa del flamenco.* Barcelona: RBA, 1995. 321-32.\*

\_\_\_\_\_. "The Wheel of Fortune and the Wedge of Progress." In Gould, *Eight Little Piggies: Reflections in Natural History.* 1993. Harmondsworth: Penguin, 1994. 300-312.\* (Complexity, extinction, catastrophes).

\_\_\_\_\_. "La rueda de la fortuna y la cuña del progreso." In Gould, *Ocho cerditos: Reflexiones sobre historia natural.* Barcelona: Grijalbo Mondadori-Crítica, 1994. 285-96.\*

\_\_\_\_\_. "Tires to Sandals." In Gould, *Eight Little Piggies: Reflections in Natural History.* 1993. Harmondsworth: Penguin, 1994. 313-24.\* (Complexity, catastrophes).

\_\_\_\_\_. "De neumáticos a sandalias." In Gould, *Ocho cerditos: Reflexiones sobre historia natural.* Barcelona: Grijalbo Mondadori-Crítica, 1994. 297-308.\*

\_\_\_\_\_. *Full House.* New York, 1996.

\_\_\_\_\_. *Life's Grandeur: The Spread of Excellence from Plato to Darwin.* Vintage, n.d.\* [c. 1996; erroneous copyright page date, "1991". Also titled *Full House*]

Grishakova, Marina, and Maria Poulaki. "Introduction: Narrative Complexity." In *Narrative Complexity: Cognition, Embodiment, Evolution.* Ed. Marina Grishakova and Maria Poulaki. Lincoln: U of Nebraska P, 2019. 1-26.\*

\_\_\_\_\_, eds. *Narrative Complexity: Cognition, Embodiment, Evolution.* (Frontiers of Narrative). Lincoln: U of Nebraska P, 2019.\* (1. Narrative Complexity and Media. 2. Cognition and Narrative Comprehension. 3. Experience, Subjectivity, and Embodied Complexity. 4. Narrative Complexity and Cultural Evolution).

<https://www.nebraskapress.unl.edu/university-of-nebraska-press/9780803296862/>

2018

Hands, John. "22. Hipótesis complementarias y en competencia I: El incremento de la complejidad." In Hands, *Cosmosapiens: La evolución humana desde los orígenes del universo.* Madrid: La Esfera de los Libros, 2017. 559-84.\*

Hayes, Brian. "Juegos de ordenador: El autómata celular ofrece un modelo del mundo y es un mundo por sí mismo." *Investigación y ciencia* 92 (May 1984): 102-11.\*

Hayles, Katherine. *Chaos Bound: Orderly Disorder in Contemporary Literature and Science.* Ithaca: Cornell UP, 1990.

\_\_\_\_\_, ed. *Chaos and Order: Complex Dynamics in Literature and Science.* Chicago: U of Chicago P, 1991.

Hawking, Stephen. "6. ¿Será nuestro futuro como Star Trek o no? Cómo la vida biológica y electrónica se seguirá desarrollando en complejidad con un ritmo cada vez más rápido." In Hawking, *El universo en una cáscara de nuez.* Barcelona: Crítica / Planeta, 2002. 155-72.\*

Hodder, Ian. (Professor of Anthropology, Stanford). *Studies in Human-Thing Entanglement.* 2016.\*

<http://www.ian-hodder.com/s/Hodder_2016_Studies_in_Human_Thing_Entanglement.pdf>

2016

Hornborg, Alf. "Codifying Complexity: Towards an Economy of Incommensurable Values." Paper presented at the 2nd meeting of the International Society of Ecological Economics, Stockhom, 5-6 Aug. 1992.

Jacob, François. *Le Jeu des possibles.*  Paris: Le Livre de Poche.

\_\_\_\_\_. "Complexity and Tinkering." In *Cajal and Consciousness: Scientific Approaches to Consciousness on the Centennial of Ramón y Cajal's Textura.* Ed. Pedro C. Marijuán. New York: New York Academy of Sciences, 2001. 71-73.\* (Evolution, complexity).

Johnson, George. *Fire in the Mind: Science, Faith, and the Search for Order.* (Complexity). Harmondsworth: Penguin, 1997.

Kauffman, Stuart. *The Origins of Order: Self-Organization and Selection in Evolution.* Oxford: Oxford UP, 1993.

\_\_\_\_\_. *At Home in the Universe: The Search for Laws of Self-Organization and Complexity.* Oxford:Oxford UP, 1995.\*

Kellert, Stephen H. *In the Wake of Chaos: Unpredictable Order in Dynamical Systems.* Chicago: U of Chicago P, 1993.

Kelly, Kevin. "The Arc of Complexity." *The Technium* 7 May 2009.\*

<http://www.kk.org/thetechnium/archives/2009/05/the_arc_of_comp.php>

2009

\_\_\_\_\_. "The Evolution of Evolution's Evolution." *The Technium* 21 April 2010.\*

<http://www.kk.org/thetechnium/archives/2010/04/the_evolution_o.php>

2010

Kipping, David. "An Objective Bayesian Analysis of Life's Early Start and Our Late Arrival." *PNAS* 117.2 (June 2020): 11995-12003.\*

<https://doi.org/10.1073/pnas.1921655117>

<https://www.pnas.org/content/117/22/11995>

2020

Locke, John. "II.XII. Of Complex Ideas." In Locke, *An Essay Concerning Human Understanding.* Ed. John W. Yolton. 2 vols. London: Dent; New York: Dutton, 1961.\*

Magliano, Joseph P., Karyn Higgs, and James Clinton. "6. Sources of Complexity in Narrative Comprehension." In *Narrative Complexity: Cognition, Embodiment, Evolution.* Ed. Marina Grishakova and Maria Poulaki. Lincoln: U of Nebraska P, 2019. 149-73.\*

Mandelbrot, Benoît. "Los jabones, el carácter de dimensión de los exponentes críticos." In Mandelbrot, *Los objetos fractales: Forma, azar y dimensión.* Trans. Josep Llosa. Introd. David Jou. Barcelona: Círculo de Lectores, 1997. 189-92.\*

Miller, James Grier. *Living Systems.* New York: McGraw-Hill, 1978. (Functions: cell, organ, organism, group, organization, society, supranational system)

Mitchell, Melanie. (Portland State U and Santa Fe Institute). *Complexity: A Guided Tour.* Oxford: Oxford UP, 2009. (2010 Phi Beta Kappa Science Book Award).

\_\_\_\_\_. Interview at Santa Fe Radio Café.

<http://bit.ly/15nd4jn>

DISCONTINUED 2016

Morin, Edgar. *Introduction à la pensée complexe.* Issy-les-Moulineaux: ESF éditeur, 1990.

\_\_\_\_\_. *Introduction à la pensée complexe.* (Points, Essais, 535). Paris: Seuil, 2005.

\_\_\_\_\_. *La complexité humaine.* (Champs-L'Essentiel, 189). Paris: Flammarion, 1994.

\_\_\_\_\_. *La Voie.* 2013.

Morin, Edgar, and Jean-Louis Le Moigne. *L'Intelligence de la complexité.* Paris: L'Harmattan, 2000.

Morowitz, Harold J. (On complexity theory). *Complexity* 1 (1995): 4-5.

\_\_\_\_\_. "The Epistemic Paradox of Mind and Matter." In *Cajal and Consciousness: Scientific Approaches to Consciousness on the Centennial of Ramón y Cajal's Textura.* Ed. Pedro C. Marijuán. New York: New York Academy of Sciences, 2001. 50-54.\* (Complexity, epistemology).

\_\_\_\_\_, ed. *Complexity.* Journal. Vol. 1 (1995).

Moya, Andrés. "La génesis de la complejidad biológica." In *Evolución: Aspectos interdisciplinares.* Ed. Eustoquio Molina. Zaragoza: SIUZ (Seminario Interdisciplinar de la Universidad de Zaragoza), 1996. 111-22.\*

Nadel, L., and D. Stein, eds. *1993 Lectures in Complex Systems.* Addison-Wesley, 1995.

Nagel, Thomas. *Mind and Cosmos: Why the Materialist Neo-Darwinian Conception of Nature is Almost Certainly False.* Oxford: Oxford UP, 2013.

Nicolis, Grégoire, and Ylya Prigogine. *La estructura de lo complejo.* Madrid: Alianza, 1994.

Norman, Don. *Living with Complexity.* c. 2011.

Palombo, Stanley. *The Emergent Ego: Complexity and Coevolution in the Psychoanalytic Process.*

Penas Ibáñez, Beatriz. "Complexity and Integration in a Hierarchical Universe." In *Science, Literature, and Interpretation.*Ed. Francisco Collado. Zaragoza: Servicio de Publicaciones de la Universidad de Zaragoza, 1991.\*

Pérez Guerra, Javier, and Ana E. Martínez Insua. "Complexification as a Metric of Diachronic Text-Type Characterisation." In *AEDEAN XXX: Proceedings of the 30th International AEDEAN Conference.* [Huelva, 2006]. Ed. María Losada Friend et al. Huelva: U de Huelva, 2007.\*

Pianzola, Federico. "Is Narrative a Complex System?" Paper presented at ISSN 2016, Amsterdam. Online slides at *Academia:*

<https://www.academia.edu/26251894/Is_Narrative_a_Complex_System>

2016

\_\_\_\_\_. "Toward a Narratology of Complexity: Structures and Readers in the Digital Age." Paper presented at ENN5, Prague, 15th Sept. 2017.\* (Slides:)

<https://www.academia.edu/34589206/>

2017

\_\_\_\_\_. "Looking at Narrative as a Complex System: The Proteus Principle." In *Narrative Complexity.* Ed. Susan Stepney and Richard Walsh. New York: Springer, 2018. Online at *Academia.\**

<https://www.academia.edu/7284344/>

2020

\_\_\_\_\_. "La complessità della narrazione e della narratologia." *Enthymema* 22 (2018): 221-33.\*

<https://riviste.unimi.it/index.php/enthymema/article/view/11062>

DOI: <https://doi.org/10.13130/2037-2426/11062>

2021

Indexed at IRIS:

<https://boa.unimib.it/handle/10281/215692>

2021

Pier, John. "Complexity: A Paradigm for Narrative?" Lecture at the 3rd ENN Conference, Paris, March 29–30 2013.

\_\_\_\_\_. "Complexity: A Paradigm for Narrative?" In *Emerging Vectors of Narratology.* Ed. Per Krogh Hansen, John Pier, Philippe Roussin and Wolf Schmid. Berlin and Boston: de Gruyter, 2017. 533-65.\*

\_\_\_\_\_. "Complexité/ Complexity." *Réseau des narratologues francophones - Glossaire du RéNaF* 10 July 2022*.\**

<https://wp.unil.ch/narratologie/2022/07/complexite-complexity/>

2022

Prigogine, Ilya. *Introduction to Thermodynamics of Irreversible Processes.* Wiley, 1968.

\_\_\_\_\_. *From Being to Becoming: Time and Complexity in the Physical Sciences.* San Francisco: W. H. Freeman, 1980.

\_\_\_\_\_. *¿Tan solo una ilusión? Una exploración del caos al orden*. Barcelona, Tusquets, 1982.

Prigogine, Ilya, and Isabelle Stengers. *La nueva alianza.* Madrid: Alianza, 1983.

\_\_\_\_\_. *La nueva alianza: Metamorfosisg de la ciencia.* Trans. María Cristina Martín Sanz. Introd. Antonio F. Rañada. (Biblioteca Universal, Ciencia). Barcelona: Círculo de Lectores, 1997.\*

\_\_\_\_\_. *Order Out of Chaos: Man's New Dialogue with Nature.* Toronto: Bantam, 1984.

\_\_\_\_\_. *Order Out of Chaos: Man's New Dialogue with Nature.* 1984. London: London: HarperCollins-Flamingo, 1985.

Rescher, Nicholas. *Complexity: A Philosophical Overview.* Piscataway (NJ): Transaction, 1999.

Rice, Thomas Jackson. "*Ulysses*, Chaos, and Complexity." *James Joyce Quaterly* 31.2 (1994) \*

Ruse, Michael. *Monad to Man: The Concept of Progress in Evolutionary Biology.* Cambridge (MA): Harvard UP, 1996.

Ryan, Marie-Laure. "1. Narrative as/and Complex System/s." In *Narrative Complexity: Cognition, Embodiment, Evolution.* Ed. Marina Grishakova and Maria Poulaki. Lincoln: U of Nebraska P, 2019. 29-55.\*

Sommer, Roy. "Beehive Narratology? Why Narrative Research Should Not Ignore Complexity Theory." Rev. of *Narrative Complexity,* ed. Marina Grishakova and Maria Poulaki. *Diegesis* 9.2 (2020).\*

<https://www.diegesis.uni-wuppertal.de/index.php/diegesis/article/view/395>

2020

Spier, Fred. *El lugar del hombre en el cosmos: La Gran Historia y el futuro de la humanidad.* Trans. Tomás Fernández Aúz and Beatriz Eguibar. (Libros de Historia). Barcelona: Crítica, 2011. (Cosmos, Evolution, Complexity, Human origins, Mankind, Future).

Stepney, Susan, and Richard Walsh, eds. *Narrative Complexity.* New York: Springer, 2018.

Teilhard de Chardin, Pierre. *Le Phénomène humain.* Paris: Seuil, 1955.

\_\_\_\_\_. *Le Phénomène humain.* (Points). Paris: Seuil.

\_\_\_\_\_. *The Phenomenon of Man.* Introd. Sir Julian Huxley. London: Collins, 1959.

\_\_\_\_\_. *The Phenomenon of Man.* New York: Harper, 1959.

\_\_\_\_\_. *El fenómeno humano.* Ed. and trans. M. Crusafont Pairó. (Edición oficial del comité 'Teilhard de Chardin', 1). Madrid: Taurus, 1963. 1982.\*

\_\_\_\_\_. *El fenómeno humano.* Barcelona: Orbis, 1985.

\_\_\_\_\_. "El lugar del hombre en el universo. Reflexiones sobre la complejidad." In Teilhard de Chardin, *La visión del pasado.* Madrid: Taurus, 1958. 5th ed. 1966. 267-88.\*

Turchin, Peter, et al., "Quantitative Historical Analysis Uncovers a Single Dimension of Complexity that Structures Global Variation in Human Social Organization" *PNAS* (2017).

http://[www.pnas.org/cgi/doi/10.1073/pnas.1708800115](http://www.pnas.org/cgi/doi/10.1073/pnas.1708800115)  
2017

Wagner, Eva Sabine. "Introduction: Coming to Terms with Complexity." In Wagner, *Narrative, Coherence and Literariness.* Berlin and Boston: Walter de Gruyter, 2020. 1-12.\*

<https://doi.org/10.1515/9783110673180-001>

2020

Ward, Peter D., and Donald Brownlee. *Rare Earth: Why Complex Life Is Uncommon in the Universe.* New York: Copernicus, 1999.

Whittaker, Emma. "3. The Wave-Crest: Narrative Complexity." In *Narrative Complexity: Cognition, Embodiment, Evolution.* Ed. Marina Grishakova and Maria Poulaki. Lincoln: U of Nebraska P, 2019. 73-97.\*

Wilson, David Sloan, and Alan Kirman, eds. *Complexity and Evolution: Towards a New Synthesis for Economics.* 2016.

Wilson, E. O. 5. "Ariadne's Thread." In Wilson, *Consilience: The Unity of Knowledge.* New York: Knopf, 1998. 66-95.\* (Biology, emergence, complexity).

Yolles, Maurice. *Organizations as Complex Systems: An Introduction to Knowledge Cybernetics.* (Managing the Complex, 2). Greenwich (CT): Information Age Publishing, 2006. Online at *Academia.\**

<https://www.academia.edu/170622/>

2019

Zurek, W. H., ed. *Complexity, Entropy and the Physics of Information.* Reading: Addison-Wesley, 1989.

Audio

Carroll, Sean. "Daniel Dennett on Minds, Patterns and the Scientific Image." Audio. *The Preposterous Universe* 6 Jan. 2020.\*

<https://www.preposterousuniverse.com/podcast/2020/01/06/78-daniel-dennett-on-minds-patterns-and-the-scientific-image/>

2019

Morin, Edgar. "Introducción al pensamiento complejo." Audio-videotext. *YouTube (Videador Virtual)* 29 June 2014.\*

<http://youtu.be/2j37NKNVKoo>

2014

Bibliography

García Landa, José Angel. "Complexity." From *A Bibliography of Literary Theory, Criticism and Philology.* Online at *Textarchive.ru*.\*

<http://textarchive.ru/c-2998981.html>

2019

Internet resources

*Complexity Academy (YouTube)*

<https://www.youtube.com/channel/UCutCcajxhR33k9UR-DdLsAQ>

2016

Journals

*Emergence: Complexity and Organization (E:CO)* Special Double Issue 6.1–2 (2004).

*Complexity.* Ed. Harold Morowitz. Vol. 1 (1995).

Series

(Managing the Complex, 2). Series eds. Kurt A. Richardson and Michael R. Lissack. Greenwich (CT): Information Age Publishing, 2006.\*

Societies and Institutions

Complexity Science Group, Dpt. of Physics and Astronomy, U of Calgary, Calgary, T2N 1N4, Canada; [jgfoster@ucalgary.ca](mailto:jgfoster@ucalgary.ca)

Santa Fe Institute for the Study of Complex Systems

<http://www.santafe.edu>

2016

Video

Christian, David. "Complexity, Emergence, Humanity, and the History of the Universe." Lecture at Nanyang Technological U (Conference: "Emerging Patterns"). Online video. *YouTube (NTU Para Limes)* 18 May 2015.\*

<https://youtu.be/9AF5KUk1M5Y>

2016

"Complex Adaptive Systems: 11 Self-organization." *YouTube (Complexity Academy)* 1 June 2016.\*

<https://youtu.be/3ypBqxv_tz8>

2016

"Complexity Science 1: Introduction." *YouTube (Complexity Academy)* 28 June 2014.\*

<https://youtu.be/r-JiHyejpn8>

2016

"Complexity Science 2: Complexity Theory." *YouTube (Complexity Academy)* 18 April 2014.\*

<https://youtu.be/P00A9IZ7Pog>

2016

"Complexity and Emergence." Video. Symposium, The Helix Center, 15 Nov. 2014. *YouTube (helixcenter)* 6 Oct. 2015.\*

<https://youtu.be/TreSdpQQyi8>

2016

D'Souza, Raissa. "Complexity (Entropy Increases, as Does Complexity. How Do we Understand This and Its Relation to the Nature of Time?)." Video of the lecture at the Foundational Questions Institute symposium "Setting Time Aright: Investigating the Nature of Time", Bergen and Copenhagen, 27 Aug.-1 Sept. 2011. YouTube (FQXi) 29 Sept. 2011.\*

<https://youtu.be/LSO1mpeFUD8>

2016

Deacon, Terrence. "Language and Complexity: Evolution Inside Out." Video lecture. *YouTube (UBC)* 25 Aug. 2010.\*

<https://youtu.be/OT-zZ0PMqgI>

2015

Ellis, George F. R. "On the Nature of Causality in Complex Systems." Video. (Lecture at The Causal Universe, May 17-18, 2012, Krakow, Poland). *YouTube (Copernicus Center for Interdisciplinary Studies)* 28 Sept. 2012.\*

<https://youtu.be/nEhTkF3eG8Q>

2016

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

<https://youtu.be/ez773teNFYA>

2022

\_\_\_\_\_. "Lee Cronin: Origin of Life, Aliens, Complexity, and Consciousness | Lex Fridman Podcast #269." Video interview. *YouTube (Lex Fridman)* 11 March 2022.\*

<https://youtu.be/ZecQ64l-gKM>

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, perspectivism)

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

2022

\_\_\_\_\_. "Lee Cronin: Controversial Nature Paper on Evolution of Life and Universe – Lex Fridman Podcast #404." *YouTube (Lex Fridman)* 9 Dec. 2023.\* (Assembly theory; Complexity; Objects; Chemistry).

<https://youtu.be/CGiDqhSdLHk>

2023

Horgan, John, and George Johnson "Bloggingheads Science Faction on Complexity and Innovation." In García Landa, *Vanity Fea* 21 April 2013.\*

<http://vanityfea.blogspot.com.es/2013/04/bloggingheads-science-faction-on.html>

2013

Krakauer, David, Murray Gell-Mann, et al. "Complexity: Life, Scale, and Civilization." Video. Panel discussion at the Santa Fe Institute, 6 Aug. 2012. *YouTube (Santa Fe Institute)* 29 Aug. 2012.\*

<https://youtu.be/0yL8j37SI0w>

2016

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

Mitchell, Melanie. "Complexity: A Guided Tour." *YouTube (Santa Fe Alliance for Science)* 23 Sept. 2013.\*

<https://youtu.be/GYChwJq0310>

2016

Morin, Edgar. "La complejidad hoy." Lecture at Universidad Nacional Autónoma de México. *YouTube*

<http://youtu.be/D2qQQC36WRk>

2014

\_\_\_\_\_. "Edgar Morin présente les fondements de la chaire de la complexité à l'ESSEC." Video interview. *YouTube (ESSEC Business School)* 27 Feb. 2014.\*

<https://youtu.be/8YduGns819w>

2016

\_\_\_\_\_. "Conférence de lancement de la Chaire Edgar Morin de la complexité - 11 Mars 2014." *YouTube (ESSEC Business School)* 14 March 2014.\*

<https://youtu.be/-VT-slffz-U>

2016

\_\_\_\_\_. "Le défi de la complexité - Edgar Morin à l'USI." Videolecture. *Youtube (USI Events)* 20 June 2014*.\**

<https://youtu.be/6UT57Jm371w>

2016

Norman, Don. "Living with Complexity." Video of the lecture at Stanford. *YouTube (Stanford)* 29 Aug. 2011.\*

<https://youtu.be/flRuSn0df8Q>

2016

Punset, Eduard, et al. "Complejidad y Caos." (Redes 275). *YouTube (Redes, Divulgación y Cultura)* 30 Aug. 2015.\*

<https://youtu.be/Ekt0b97jSVg>

2015

\_\_\_\_\_, et al. "El Misterio De Los Orígenes." Documentary. (REDES 300). TVE 2, 2003. Online video. *YouTube (Redes, Divulgación y Cultura)* 24 Dec. 2012.\* (Sheldon Lee Glashow, François Jacob, Stephen Jay Gould, Richard Dawkins, Daniel Dennett, Brian Greene, David Cronenberg, Frank Tipler, Jonathan Weiner, Miguel Beato, Matt Ridley, Lynn Margulis, Harry Jerison, Ilya Prigogine, Nicholas Humphrey, Roger Penrose, Howard Bloom, Joseph Ledoux, Daniel Goleman, Miroslav Radman, Luca Cavalli-Sforza, Antonio Damasio, Lee Silver, Francisco Ayala, José Cibelli, Juan Carlos Izpisúa, Ilya Prigogine, Harold Morowitz).

<https://youtu.be/LWUFszXbxbE>

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

Royuela, Santiago. "Kepa quiere saber… Con Santi Royuela." Video. *YouTube (Santiago Royuela Samit)* 27 Sept. 2023.\* (Jaume Farreróns, Red Gladio, Italian fascists; Entropy, complexity, quantum physics).

<https://youtu.be/dZ75X7fGcTk>

2023

Sapolsky, Robert. "22. Emergence and Complexity." Video lecture. (Human Behavioral Biology). YouTube (StanfordUniversity) 1 Feb. 2011.

<http://youtu.be/o_ZuWbX-CyE>

2014

Snowden, David. "Combining Complexity Theory with Narrative Research." Video Lecture (Advancing P4 Medicine Through Innovations in Science). *YouTube (osumedicalcenter)* 22 Oct. 2012.\*

<http://youtu.be/pHjeFFGug1Y>

2014

\_\_\_\_\_. (Dave Snowden). "Making Sense of Complexity." (Lean, Agile & Scrum conference keynote lecture). *YouTube* 15 Sept. 2013.\*

<https://youtu.be/y6RfqmTZejU>

2016

\_\_\_\_\_. "#12 Managing in Complexity – Dave Snowden | Being Human." Video interview. *YouTube (Being Human Podcast)* 15 June 2018.\* (Organizations, Decisions, Interdisciplinarity).

<https://youtu.be/CD0QjLnzaog>

2024

Turchin, Peter. "Peter Turchin on Cultural Macroevolution – Understanding the Rise of Large-Scale Complex Societies in Human History." Video lecture, Complexity Science Hub Vienna, Jan. 2023. *YouTube (Institute for Analytical Sociology)* 26 Jan. 2023.\* (Statistics, Civilizations, Agriculture, Warfare, Weapons, Paradigms, Revolutions, Political organization, States, Moralizing religion).

<https://youtu.be/B5nvW9icM4Q>

2023

*Temas Investigación y Ciencia* 95 (Jan.-March) 1995: *Complejidad y caos.*

<https://www.investigacionyciencia.es/revistas/temas/complejidad-y-caos-763>

2019

West, Geoffrey. "Complexity." Video of the lecture at the Foundational Questions Institute symposium "Setting Time Aright: Investigating the Nature of Time", Bergen and Copenhagen, 27 Aug.-1 Sept. 2011. YouTube (FQXi) 2 Oct. 2011.\*

<https://youtu.be/DFFVSvAr7Wc>

2016

\_\_\_\_\_. "The Simplicity, Unity & Complexity of Life from the Biosphere to the Anthroposphere." Video lecture. *YouTube (Hopkins Natural Philosophy Forum)* 18 March 2024.\* (Sustainability, Systems, Networks, Evolution, Complexity, Structures, Scale, Size, Growth, Economy, Infrastructures, Postindustrial society, Cities, Telephones, Interactions, Energy, Metabolism, Consumption, Anthopocene, Collapse, Paradigm shifts, Innovations, Malthus, John von Neumann, Singularity, Longevity).

<https://youtu.be/pjJFzZpBN2c>

2024

See also Chaos theory; Chain of Being; Systems; Structure; Self-organization; Interaction; Ecology.