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**Numbers**

Alcalde, Jorge. "Los números más importantes del universo." (James D. Stein, *Cosmic Numbers*). *Libertad Digital* 22 Aug. 2014.\*

 <http://www.libertaddigital.com/opinion/jorge-alcalde/los-numeros-mas-importantes-del-universo-73241/>

 2014

Ayres, Ian. *Super Crunchers: How Thinking by Numbers Is the New Way to Be Smart.* Bantam Books, 2007.

Baroni, Raphaël, ed. *Introduction à l'étude des cultures numériques.* Paris: Armand Colin, 2002.

Baroni, Raphaël, ed. *Introduction à l'étude des cultures numériques.* Paris: Armand Colin, 2002.

Barrow, John D. *The Book of Nothing.* London: Jonathan Cape, 2000. (Nothingness, Zero, Emptiness, Space, Ether, Paradoxes, Truth, Universe, Mach, Einstein, Augustine, Shakespeare, Void, Being, Creation, Cosmology, Black holes, Aristotle, Big Bang, Quantum theory, Sets, Descartes, Electrons, Energy, God, Gravity, Indian philosophy, Light, Mathematics, Newton, Numbers, Pascal, Quarks, Sub-atomic physics, Time).

\_\_\_\_\_. *El libro de la nada.* (Drakontos). Barcelona: Crítica, 2001.\*

Butterworth, Brian. "A Basic Sense of Numbers Is Shared by Countless Creatures." *Psyche* 12 Oct. 2022.\*

 <https://psyche.co/ideas/a-basic-sense-of-numbers-is-shared-by-countless-creatures>

 2022

Carey, Susan. "Where Do Our Number Concepts Come from?" *Journal of Philosophy* 106.4 (April 2009): 220–54. Online at *NCBI-PMC.\**

 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3489488/>

 2018

Castoriadis, Cornelius. "Remarks on Space and Number." In Castoriadis, *Figures of the Thinkable.* Trans. Helen Arnold. Stanford, CA: Stanford UP, 2007.

*Codex Vigilianus* (or *Crónica Albeldense*). Albelda convent, Logroño, 976. (Mathematical treatise; 1st use of Arabic numerals in Europe).

Coolidge, Frederick L., and Thomas Wynn. "Numerosity, Abstraction, and the Emergence of Metaphor in Language." In *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 74-82.\*

Dantzig, Tobias D. *Number: The Language of Science.* 4th ed. New York: Doubleday-Anchor Books, 1954.

Dehaene, S. *The Number Sense.* New York: Oxford UP, 1997. (Brain)

Du Sautoy, Marcus. *La música de los números primos.* 2007.

Ellenberg, Jonathan. "The Beauty of Bounded Gaps." *Slate* 1 Nov. 2016. (Prime numbers).

 <http://www.slate.com/articles/health_and_science/science/2016/11/standing_rock_shows_why_environmentalists_should_move_beyond_cost_benefit.html>

 2016

Escolano Vizcarra, R. *Enseñanza del número racional positivo en Educación Primaria: Un estudio desde los modelos de medida y cociente.* Zaragoza: Servicio de Publicaciones de la Universidad de Zaragoza, 2007.

García Landa, José Ángel. "Números." In García Landa, *Vanity Fea* 19 May 2008.

 <http://garciala.blogia.com/2008/051901-numeros.php>

 2008

García Pomar, Ángel. "NÚMEROS para niños." *Net Sight de José Angel García Landa.* 2008.\*

 <https://personal.unizar.es/garciala/publicaciones/numeros/numeros.html>

 2020

Gigerenzer, Gerd. *How to Know When Numbers Deceive You.*

Hawking, Stephen. *God* *Created the Integers: The Mathematical Breakthroughs that Changed History.* Running Press, 2007.

\_\_\_\_\_. *Y Dios Creó los Números.*

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

Lotman, Iuri M. "La semántica del número y el tipo de cultura." In Lotman, *La Semiosfera, II: Semiótica de la cultura del texto, de la conducta y del espacio.* Madrid: Cátedra / Universitat de València, 1998.\*

Nieder, A. "The Adaptive Value of Numerical Competence." *Trends in Ecology & Evolution*31 March 2020.

Pujals de la Bastida, Vicente. *Filosofía de la numeración, o descubrimiento de un nuevo mundo científico.* Barcelona: Vda. de Pla, 1844.

Rivera Arrizabalaga, Ángel. "Origin of Numerical Abstraction. Causal Cognition." *ResearchGate* (Aug. 2019).\*

 DOI: [10.13140/RG.2.2.36232.57602](https://www.researchgate.net/deref/http%3A//dx.doi.org/10.13140/RG.2.2.36232.57602?_sg%5B0%5D=8S-F1nImEaQv8XrrNdazkb1iMHGo8gVtP-fr5_AITQ8y8NT61fLU7ulI_BpcOP8Z-Ks0pWsLZvH-O1yBvNqXnQn19Q.iG6PqlJVUD1bD_j_pJ-pvvgLvKTEYCCmFblhvfb5HQnTlDo-RXZ6cdS3LoHRHQd5Ha6pNEf5eS0YtQ8MbX05_Q)

 <https://www.researchgate.net/publication/335003741>

 2020

\_\_\_\_\_. "Numerical Abstraction in Prehistory: A View from Cognitive Archaeology." *Espacio, Tiempo y Forma – Serie 1: Prehistoria y Arqueología* ns 13 (2020). Online at *UNED.\**

 <http://revistas.uned.es/index.php/ETFI/article/view/27438>

 <https://doi.org/10.5944/etfi.13.2020.27438>

 2020

Russell, Bertrand. *Los principios de la matemática.* Trans. José Barrio Gutiérrez. Introd. Jesús Mosterín. Barcelona: Círculo de Lectores, 1997.\*

Spengler, Oswald "I. El sentido de los números." In Spengler, *La Decadencia de Occidente.* Madrid: Espasa Calpe, 2002. 129-94.\* (Number, limit, geometry, Aristarchus, space).

Stein, James D. *Cosmic Numbers.* C. 2014.

Úbeda, José Pedro. "Numeración de Gödel." In *Compendio de Lógica, Argumentación y Retórica.* Ed. Luis Vega Reñón and Paula Olmos Gómez. Madrid: Trotta, 2011. 3rd ed. 2016. 429.\*

Vajda, S. *Fibonacci & Lucas Numbers, and The Golden Section.* Chichester: Ellis Horwood, 1989.

Literature

Cowley, Abraham. From *Davideis.* (The Power of Numbers. The Creation). From *Davideis,* Book I, 1656. In *The Oxford Book of Seventeenth Century Verse.* Ed. H. J. C. Grierson and G. Bullough. Oxford: Clarendon Press, 1934. Rpt. 1938, 1942, 1946. 707-9.\*

See also Mathematics; Numerology.