

Boundless Reason, A Universal Strategy for Deciding Well

Recent Changes (2023-2025)

All but Chapter 5 and Appendix A (3/25/2024)

Changed “Further,” to “Further~~more~~,” in all (9 occurrences).

Preface, second paragraph (4/11/2025)

Changed “~~”boundless”~~” to “boundless” in the fourth sentence.

Preface, third paragraph (4/11/2025)

Changed “science of deciding well (~~“boundless reason”~~)” to “~~boundless~~ science of deciding well” in the fifth sentence.

Chapter 1, Heading, quote reference (11/30/2024)

Changed “as ~~Master Teacher Kong~~ (Confucius)” to “~~in the West~~ as Confucius (~~Master Teacher Kong~~)” in the last sentence.

Chapter 1, Choosing Frames Well, first paragraph (12/24/2023)

Changed “learning ~~from experience~~” to “learning” in the first sentence.

Chapter 1, *The Wisdom of Effectiveness*, sixth paragraph (7/22/2024)

Changed “~~turns simple closed-ended problems into complex~~ open-ended ~~ones~~” to “~~creates overwhelmingly complex~~ open-ended ~~problems~~” in the last sentence.

Chapter 1, *The Truth of Wisdom*, fourth paragraph (11/20/2025)

Changed “~~golden jackals~~ are from ~~domestic dogs~~” back to “~~cheetahs~~ are from ~~house cats~~” in the 7th sentence.

Chapter 1, *The Truth of Wisdom*, fourth paragraph, footnote, end (4/11/2025)

Added the sentence: “~~The second of Quine’s dogmas of empiricism is reductionism, the incomplete approach to believing well that boundless reason addresses.~~”

Chapter 1, *The Truth of Wisdom*, last paragraph (11/20/2025)

Changed “we can” to “we (~~collectively~~) can” in the third sentence.

Changed “~~the complex~~ view of this approach” to “~~its~~ view” in the last sentence.

Chapter 1, *Ever-More-Complete Models*, last paragraph (4/11/2025)

Changed “(basic ~~rules~~)” to “(basic ~~principles accepted on faith~~)” in the third sentence.

Chapter 1, The Learning Age, second paragraph (4/11/2025)

Changed “~~similar~~” to “~~similar~~” in the first sentence.

Chapter 4, *Modern Policy Mistakes*, sixth paragraph (10/27/2023)

Changed “~~self-similar~~ relation between temporal and boundless ends ~~in~~ deciding well, we may speculate that these networks are at least ~~weakly~~ fractal” to “~~“noisy”~~ relation between ~~chosen~~ temporal ~~ends~~ and ~~the~~ boundless end ~~of~~ deciding well, we may speculate that these networks are at least ~~somewhat~~ fractal” in the second to last sentence.

Chapter 7, Heading, quote reference (11/30/2024)

Changed “as ~~Master Sun~~ (Sunzi or Sun Tze)” to “as Sunzi or Sun Tze (~~Master Sun~~)” in the last sentence.

Chapter 7, *An Extraordinary Anomaly*, second to last paragraph (8/28/2024)

Changed “~~by breaking this end into timeless factors. In terms of the boundless view~~” to “In ~~short~~” in the last sentence.

Chapter 7, Scope of Strategy, first paragraph (6/6/2024)

Changed “~~the north~~” to “~~flank attacks~~” in the second sentence.

Chapter 7, *E-M Theory*, first paragraph (6/22/2024)

Deleted “~~at the Fighter Weapons School~~” from the third sentence.

Chapter 7, *OODA Loop Analysis*, second paragraph (10/30/2024)

Changed “~~allowed~~” to “~~enabled~~” in the second sentence. Changed “~~was in~~ the form of bubble canopies, g-suits, hydraulic controls, and ~~better tactical rules. It was also in the form of better habits, which Boyd described using~~”

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the German term” was changed to: “took the form of bubble canopies, g-suits, hydraulic controls, targeting systems,” in the next two sentences.

Chapter 7, *The Grandest Possible Strategy*, first paragraph, footnote (10/21/2024)

“¹⁴ Boyd was aware of the logical contradictions that applying his strategy to itself would create. He avoided this problem by taking a postmodern approach to learning. For more about Boyd’s approach, read Frans Osinga’s *Science, Strategy and War: The Strategic Theory of John Boyd* (New York: Routledge, 2007).” was deleted.

Chapter 7, *The Grandest Possible Strategy*, last paragraph (1/30/2024)

Deleted “described in this work” from the first sentence.

Changed “In light of” to “Not forgetting” in the last sentence.

Chapter 8, ABRIDGED VERSION ONLY, Testing Boundless Reason, last paragraph, end

Added the footnote: “** A complexity science adage states that when you find a power-law distribution, look for an underlying self-similar process. For more about this possibility, see Benoit Mandelbrot and Richard Hudson, *The (Mis)behavior of Markets: A Fractal View of Financial Turbulence* (New York: Basic Books, 2004). Note that this curiously labeled footnote contains material found in the last footnote in the believing well chapter, which is not included in the abridged version.”

Chapter 8, Reunifying the Reason of Plato and Aristotle, first paragraph (9/7/2024)

Changed “best acquire this virtue using the science of science” to “use the science of science to acquire this virtue” in the second sentence.

Chapter 8, Reunifying the Reason of Plato and Aristotle, last paragraph (9/7/2024)

Changed “science of deciding well” to “self-referential science of deciding well” in the last sentence.

Appendix A, Heading, Georg Cantor quote (6/15/2023)

Changed “proposing a question must be held of higher value than solving it” to “asking questions is more valuable than solving problems” in the quotation. Changed “Georg Cantor, ‘De aequationibus secundi gradus indeterminatis’ (Doctoral dissertation,” to “A claim Georg Cantor defended in his doctoral examination (” in the reference.

Appendix A, Heading, Georg Cantor quote reference (9/9/2023)

Changed “A claim” to “An English translation of a claim” in the first sentence.

Appendix A, introduction, eighth paragraph, footnote (10/30/2024)

“Note that I2 in the first process and N2 in the second are line segments, which we may or may not classify as (degenerate) polygons. For simplicity, this analysis stops short of these two objects. Including them would add little to our understanding of the natural foundations of mathematics.” was changed to: “Note that if we define polygons in terms of outside edges, line segments are degenerate (limiting case) polygons. For simplicity, this analysis stops short of these polygons (I3, Y3 using the replace-the-rightmost-vertex function, and N2). Including them in this example would add little to understanding the natural foundations of mathematics.”

Appendix C, Introduction, last paragraph, footnote (8/28/2024)

Changed “holy/holistic” to “boundlessly reasonable” in the last sentence.

Appendix C, The Forgotten Role of Octagons, second paragraph, footnote (10/26/2025)

Added the sentence to the Kindle and online versions: “For a 360-degree view of this room as a whole, go to <<https://www.youtube.com/watch?v=T5NENQs8Da4>> (25 October 2025).”

Appendix C, A Boundless View of the Whole, last paragraph (10/26/2025)

Changed “church doctors” to “revered figures” in the last sentence.

Appendix C, *The Role of Julius II*, first three paragraphs (10/26/2025)

Changed “church doctors” to “figures” in all (2 occurrences).

Appendix C, *Imagining the Chief Designer*, fourth paragraph (1/26/2024)

Changed “two narrower” to “jurisprudence and poetry” in the third sentence.