

# Research Notes - Cybernetics

Sven van der Meer

**Marie Neurath:** *How Machines Work*, 1954

- Author: Marie Neurath
- Reasons to read: the most simple, yet expressive, introduction on machines :)
- Publisher: Max Parrsih, London
- Links: [gallery with 3 pages](#), [all pages](#)    skb: [yaml](#), [adoc](#)

**W. Ross Ashby:** *An Introduction to Cybernetics*, 1956

- Author: W. Ross Ashby
- Reasons to read: cybernetics into, Law of Requisite Variety
- Publisher: John Wiley & Sons
- Links: [Goodreads](#), [pdf: original typeset](#), [pdf: new typeset](#), [discussion on requisite variety](#), [WikiQoutes](#)    skb: [yaml](#), [adoc](#)

**Norbert Wiener:** *Cybernetic OR Control and Communication in the Animal and the Machine*, 1965

- Author: Norbert Wiener
- Reasons to read: the standard work on cybernetics (with definition) and control
- Publisher: MIT Press, Cambridge, Massachusetts
- Links: [Wikipedia](#), [Goodreads](#), [PDF: original typeset](#)    skb: [yaml](#), [adoc](#)

**Humberto R. Maturana:** *Biology of Cognition*, 1970

- Author: Humberto R. Maturana
- Reasons to read: tbd
- Published: Biological Computer Laboratory Research Report BCL 9.0. Urbana IL: University of Illinois, 1970
- Links: [PDF](#), [Online](#)    skb: [yaml](#), [adoc](#)

**Humberto R. Maturana et al.:** *The Tree of Knowledge*, 1987

- Authors: Humberto R. Maturana, Francisco J. Valera
- Reasons to read: tbd
- Publisher: Shambhala, Boston & London
- Links: [Goodreads](#), [PDF](#)    skb: [yaml](#), [adoc](#)

- Authors: Hugh Dubberly, Paul Pangaro
- Reasons to read: historyc context for cybernetics, interactive graph with links and link annotations
- Publisher: Hippie Modernism: The Struggle for Utopia, Exhibit Catalog, October 2015
- Links: [Paper: html with pdf links](#), [Interactive Graph](#), [Article Text](#)    skb: [yaml](#), [adoc](#)