Correction to: A Landmark in the History of Science

H. von Foerster's *Cybernetics of Cybernetics* (1974)

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Correction to: Foundations of Science

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The original article was published with errors. The corrections are provided here.

The first and third sentence of the abstract should read as “This paper presents and discusses an authentic landmark in the history of science, namely H. v. Foerster’s *Cybernetics of Cybernetics*, 1974.” and “This paper argues that von Foerster’s book constitutes a unique achievement in the history of science.”

Under the section “Introduction”, the second sentence should read “By the years 1973–1974 Heinz von Foerster was already a prominent figure in the academic world. Author of more than 100 publications, by then he had already published the most conspicuous papers and chapters that made of him a leading figure in a field that crossed physics and philosophy and the father of second order cybernetics.”

Under the section “Introduction”, the sentence “The argument here is that von Foerster had very carefully thought and developed a second order cybernetics which can be adequately be grasped as control of control or also as the communication of communication” in the second paragraph should read as “The argument here is that von Foerster had very carefully thought and developed a second order cybernetics which can adequately be grasped.” In the third paragraph, the sentence “To the best of our knowledge, the book was never published afterwards, which makes of the...” should read as “To the best of our knowledge, the book was not published for twenty years after its appearance, which makes the...”

Under the section “Cybernetics of Cybernetics”, first and third sentence in the first paragraph should read as “Von Foerster’s book can be read and presented in several ways.” and “The array of authors can be read as the sources and references...”. Third paragraph should read as “The presentation that follows may seem dry to the reader. The reason for

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such a description lies in the fact that the book may probably not be easily available for readers. In any case, let's read this section with a specific pace." In the fifth paragraph, the sentence "...from the 29 of August 1973 to April 24th, 1974." should read as "... from August, 29th, 1973, to April, 24th, 1974." In the eleventh paragraph the sentence "A series of concept are then considered ..." should read "A series of concepts are then considered ...". In the fourteenth paragraph, the sentence "something that at least in its forefront letters changed completely after the..." should read as "something that changed after the...".

In the seventeenth paragraph, the words "sort of" and "the names of" in the second and third sentence should read as "the" and "a reference to". The fourth sentence "As it can be seen, the aimed was setting up and socializing a real..." should read as "As it can be seen, the aim was to set up a real...". In the seventh sentence, the word "Greek" should read as "Greece".

In the eighteenth paragraph the sentence "...its own and to some extend different..." should read "...its own and to some extend a different...".

In the twentieth paragraph the sentence "...“perception”, “paradox”, and “consciousness”, ...” should read "...“perception”, and “consciousness”,...”.

In the twenty-third paragraph the sentence "For that the students were to read..." should read "For that the students were instructed to read...". In the twenty-fourth paragraph the sentence "...the course was to read Von Foerster's..." should read as "...the course to be read is Von Foerster's..."

The first sentence "Cybernetic is and has been included into a more general framework, namely Systems Science." under the section "Systems Science: A Re-appraisal" should read as "Cybernetics is and has been included into a more general framework, namely systems science."

In the third paragraphs under the section 'Systems Science: A Rea-Appraisal' the sentence "...a systematic approach to just cybernetics and systems science..." should read "...a systematic approach not to cybernetics and systems science..."

The second sentence "Almost the majority of them, though, seem to vanish as both the history and philosophy of science are settling along the rhythm of time. This is something the present at each moment cannot foretell. Indeed, some names in the present seem to become sort of ghosts after a while. A refined scholar life appears to stand on a different ground when compared to scientific life—as time sheds its own its lights onto." in the fourth paragraph should read as "Almost the majority of them, though, seem to vanish in both the history and philosophy of science."

In the first paragraph under the section "Understanding System Science and Complexity, Revisited" the sentence "...thinking (= E. Morin) have been loosely be taken as..." was changed in "...thinking (= E. Morin) have loosely been taken as..."

In the second paragraph under the section "Understanding System Science and Complexity, Revisited" the sentence "...Therefore, it would be convenient just to..." was changed into "...Therefore, it is convenient to..."

The First sentence "Centers and Institutes were, and have been, founded around the world (cfr. Scott 2007). Being as might be, complexity science and systems science stand, so to speak, on the same side shooting against..." of the third paragraph under the section "Understanding System Science and Complexity, Revisited" should read as "Complexity science and systems science stand, so to speak, on the same side arguing against reductionism..."

The Second sentence "Yet, a fine-tuned approach should no oppose but just distinguish what largely has been taken as a wide family—indistinctly called sometimes as systems science, or also complexity theory, or as a-no-problem-link between them." of the third

paragraph under the section “Understanding System Science and Complexity, Revisited” should read as “Yet, a fine-tuned approach should not oppose but just distinguish what largely has been taken as a wide family -- indistinctly called sometimes as systems science, or also complexity theory.”

The first point “It is book...” under the section “Conclusions” should read “It is a book ...”

Second point “It is a wonderful x-ray of..” under the section “Conclusions” should read as “It is a wonderful screening of..”. Third point should read as “Many authors and concepts weave together reflections of the world.”. In the fourth point “...consideration...” should read “...considerations...”.

Also the sentence, “Science is not so much an achievement as a process, namely the process of researching. Research, though is crystalized in a variety of forms, being the most obvious papers, chapters, books, patents, and the like.” should read as “Science is not so much an achievement as a process, namely the process of researching, though is manifested in a variety of forms, such as papers, chapters, books or patents.”

In the second paragraph under the section “Conclusions” the piece of text “...repeat again...” should read “...repeat it again...”, the piece of text “...Asurian-American professor...” should read “...Austrian-American professor...” and the piece of text “...to organized the whole...” should read “...to organize the whole...”,

The original article has been corrected.

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