

ERRATA

1. *Logique et Analyse*, volume 48, issues 189–192, p. 264 in the paper of Daniel King, *Towards a Physical Theory of the Now*, some symbols were incorrectly reproduced.

Instead of:

“Rejecting the idea that mysticism is needed to account for one’s ‘position in the map’, Hoyle instead postulates a function, such that:

... the required subset [is] defined mathematically as the intersection of the world tube with a three-dimensional space-like surface. Thus a surface $f(x_1, x_2, x_3, x_4) = c$ for a particular value of c , and with $f/x_i (i = 1, 2, 3, 4)$ a time-like vector, serves to define a subset of points in the world tube. Changing c changes the subset. We could be said to live our lives through changes of c — i.e. by sweeping through a family of surfaces. (Hoyle and Hoyle 1963, Preface, 3.)

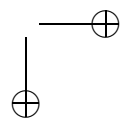
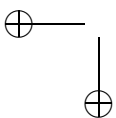
Hoyle speculates that the f surfaces could be derived from known physical fields — for example, the electromagnetic field.”

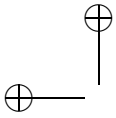
One should read instead:

“Rejecting the idea that mysticism is needed to account for one’s ‘position in the map’, Hoyle instead postulates a function, such that:

... the required subset [is] defined mathematically as the intersection of the world tube with a three-dimensional space-like surface. Thus a surface $\phi(x^1, x^2, x^3, x^4) = c$ for a particular value of c , and with $\partial\phi/\partial x^i (i = 1, 2, 3, 4)$ a time-like vector, serves to define a subset of points in the world tube. Changing c changes the subset. We could be said to live our lives through changes of c — i.e. by sweeping through a family of surfaces. (Hoyle and Hoyle 1963, Preface, 3.)

Hoyle speculates that the ϕ surfaces could be derived from known physical fields — for example, the electromagnetic field.”





2. *Logique et Analyse*, volume 50, issue 197, the paper “A general Cauchy-completion process for arbitrary first-order structures” contains some mistakes or ambiguous elements in comments, that however don’t affect the core of the article.

On page 5, the comments from line -13 to -4 are better expressed thus: “More recently and actually more surprisingly did Cauchy-complete structures allow to solve significant consistency problems in set theory, namely concerning alternative set theories, where inter alia antifoundation axioms hold ([2,8,14,16,17,19,23,26]). The following example leads to the conviction that very interesting structures can appear by completion: an adequate completion of the very simple binary structure with the set of the hereditarily finite sets as universe produces an extensional model for “positive comprehension” (see section 4 and [16]).”

On page 16, the comment from line 8 to line 10 should be corrected like this : “The Cauchy-complete structure considered here has been studied by various authors (with different presentations and notations); see [13,16,17, 26]; and other Cauchy-complete structures with analogue properties have also been investigated [13,14,16,26].”

