

Short communication about mathematics of the vital flow in a cell

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Abstract: Without the full axiom of choice, what is difficult is to understand that $(m+1) + (m+1) + \dots$ with an infinity of terms is not well defined and not aleph zero as stated in :

<http://www.math.lsa.umich.edu/~ablass/dpcc.pdf>

For infinite product, see:

A contributed abstract "by title" for the ASL Winter Meeting 2005 2006 in New York (by Adib Ben Jebara) The actual infinite and a cell escaping death The Cartesian product of an infinity of U_i which have $m+1$ elements each can be the empty set. Does that mean that the cell is dead at the time $m+1$ moments past (before any change) ?

Keywords: "Adib Ben Jebara"

I. Introduction:

In "short communication about why a lot of mathematics are used in physics"

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I wrote:

"Let us try to apply the axiom of choice of set theory to the vital flow of biophysics. Let $CC(2$ through $m)$ be the countable axiom of choice for sets of n elements, n from 2 to m . Let m be the duration of the life of a living cell. A research is necessary. m is both a number of urelements of vital flow and a number of moments of time." End of quotation

II. Main text

What is difficult is to understand that $(m+1)+(m+1)+\dots$ with an infinity of terms is not well defined and not aleph zero as stated in :

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III. Conclusion

Efforts are needed to understand well a theory. Efforts are needed to apply a theory. Young people are not enough aware that reality resists investigation. Deepened thinking can be necessary to know the truth.

Beyond Capitalism is the resolution of problems by the analysis of causes in the total quality management..

What is life and what is death is a problem

There can be absence of movement without that being death.

The number of urelements of a vital flow is not equal to the number of integers and not less and not more.

REFERENCES:

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Short communication about why a lot of mathematics are used in physics

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<http://www.math.lsa.umich.edu/~ablass/dpcc.pdf>

By Andreas Blass

A contributed abstract "by title" for the ASL Winter Meeting 2005 2006 in New York (by Adib Ben Jebara)

The actual infinite and a cell escaping death

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<https://www.ashese.co.uk/ajec-v8-issue-3/evolving-needs>

<https://www.aijbm.com/wp-content/uploads/2022/07/Q57136138.pdf>

About intellectual effort

<https://www.ashese.co.uk/ajec-v8-issue-1/about-ideas-not-ready-for-use>

<https://www.aijbm.com/wp-content/uploads/2021/12/E4124546.pdf>

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<https://www.aijbm.com/wp-content/uploads/2022/04/L54111112.pdf>

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About spiritual energy

<https://medwinpublishers.com/PSBJ/volume.php?volumeId=425&issueId=1303>

About teleportation of a proton (in the list)

[1]. <https://www.aijbm.com/short-communication-about-empirical-studies/>

[2]. About empirical studies

[3]. Short communication more clearly about new ideas

[4]. <https://www.aijbm.com/wp-content/uploads/2021/11/J411116117.pdf>

[5]. SHORT COMMUNICATION About pseudo-needs (in economical science or management)

[7]. <https://www.aijbm.com/wp-content/uploads/2021/09/H496667.pdf>

[8]. SHORT COMMUNICATION About incompetence in economics or management

[9]. <https://www.aijbm.com/wp-content/uploads/2021/10/E4103132.pdf>

[10]. More about TQM

[11]. <http://www.aijbm.com/wp-content/uploads/2020/12/G3124344.pdf>

[12]. About deficits versus total quality management :

[13]. <https://www.aijbm.com/wp-content/uploads/2020/09/A390102.pdf>

[14]. About bad behavior versus total quality management

[15]. <https://www.aijbm.com/wp-content/uploads/2020/05/I355051.pdf>

- [17]. About solving management problems
- [18]. <http://www.aijbm.com/wp-content/uploads/2021/04/B430809.pdf>
- [19]. Quality recommendations...
- [20]. <https://www.aijbm.com/wp-content/uploads/2019/09/E293840.pdf>
- [21]. About the existence of a Tesla device and the consequences...
- [22]. <https://www.aijbm.com/wp-content/uploads/2019/09/C292022.pdf>
- [23]. <https://www.morebooks.shop/store/gb/book/about-afterlife-and-other-research/isbn/978-620-0-58812-8>
- [24]. <https://www.ashese.co.uk/ajec-v7-issue-1/about-management-of-changing-works>
- [25]. Created on 30 June 2021
- [26]. <http://ashese.co.uk/ajec-v6-issue-4/a-way-to-introduce-total-quality-management>
- [27]. Created on 07 November 2020
- [28]. <http://ashese.co.uk/ajec-volume-6-issue-1/about-over-indebtedness-versus-total-quality-management>
- [29]. Created on 08 July 2020
- [30]. **1. More clearly about a new philosophy**
- [31]. Created on 27 July 2021
- [32]. **2. About management of changing works**
- [33]. Created on 30 June 2021
- [34]. **3. About teleportation of elementary particles of physics**
- [35]. Created on 08 June 2021
- [36]. **4. About A New Philosophy**
- [37]. Created on 29 March 2021
- [38]. **5. About Evil Thoughts and Afterlife**
- [39]. Created on 02 February 2021
- [40]. **6. A Way to Introduce Total Quality Management**
- [41]. Created on 07 November 2020
- [42]. **7. More About Thoughts as Mathematical Waves**
- [43]. Created on 12 October 2020
- [44]. **8. About Axioms**
- [45]. Created on 31 July 2020
- [46]. **9. Philosophy of Mathematics: About Narrow Specialization**
- [47]. Created on 21 July 2020
- [48]. **10. About Over-Indebtedness Versus Total Quality Management**
- [49]. Created on 08 July 2020
- [50]. **11. Philosophy of mathematics: About Good**
- [51]. Created on 02 March 2020
- [52]. **12. Philosophy Of Mathematics: About God Mathematician**
- [53]. Created on 04 February 2020
- [54]. **13. Philosophy Of Mathematics: Applying The Theory Of Thoughts As Mathematical Waves**
- [55]. Created on 11 December 2019
- [56]. **14. Philosophy of mathematics: About research**
- [57]. Created on 14 September 2019
- [58]. **15. Philosophy of physics: Remarks about changes in physics**
- [59]. Created on 02 September 2019
- [60]. **16. About entanglement of elementary particles of physics**
- [61]. Created on 10 July 2019
- [62]. **17. Philosophy of mathematics: About afterlife and other philosophical thoughts**
- [63]. **18. Mathematics: A philosophical approach to Fermat Last Theorem**
- [64]. Created on 14 May 2019
- [65]. **19. About elementary particles of physics**
- [66]. Created on 17 April 2019

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