



Precision, Rigor and the Visions of Man



Almada F^{1*}, Fernando C², Lopes H² and Vicente A³

¹Retired University Professor / Independent Researcher, Portugal

²University of Madeira, Portugal

³University of Beira Interior, Portugal

Submission: October 17, 2019; **Published:** December 13, 2019

***Corresponding author:** Almada F, Retired University Professor / Independent Researcher, Portugal

Keywords: Framework; Scale of a map; Perspective; Mapped space; Terrain; Positivism; Triple Relation; Adapting ourselves; The tools; The strategies

Introduction

The need, and the emergency, of change

The frame of reference (framework) must be seen not only in the spatial limits (the frame) in which it is 'framed' but also in the boundaries treated within it, the image (the picture). The dimensions used in the observation of the phenomenon Man also influence how we can understand and explain this phenomenon. It is like the scale of a map, modify the perspective we have of the mapped space, the dimensions of the recorded details, the conventions employed, the uses that can be efficiently considered, the yields made,... and even if the base terrain is spherical or plane, and the way this space is integrated in the representation of the Earth. From a perspective of logical empiricism (or positivism), for example, precision and rigor are almost synonymous. Focusing on the phenomenon (undoubtedly a way of escaping the constraints of underlying causalities, such deep causalities that led Giovanni Bruno to be burned alive and Galileo narrowly escaped - constraints that still have many active examples nowadays) when conscious) the influence of the observer, who is never neutral, and of the signal used (see the triple relation for which Einstein warned us, at the beginning of the last century, a triple relation that many still despise... for being positivist). However, changing the "frame" (picture) is not just about changing the frame (frame). Framed content must be changed. The assembly must be modified.

- a. Why? - Because the world around us has changed... deeply;
- b. How? - Adapting ourselves to 'this world' (a requirement of the efficiency that we have tried to respond through the ages, millions of years ago);
- c. Which way? Adjusting 'the tools' we use, the objectives we aim for, the strategies we use, the operationalizations we make...;

- d. What mistakes to avoid? - Satisfy with... change the speech and the appearances.

Situations for illustrating change - proposal for a rupture

In order not to run the risk of appearing to be only speeches and appearances (it is not easy to see beyond the break) we will give concrete examples of the change we advocate.

- a. The world around us has changed - a long time ago, but a lot of people still have not realized this change. The change happened not by the set of "toys" or "technological gadgets" that were appearing and with which everyone goes "entertaining", but because structural changes, functionally and above all in their dynamics, have taken place deeply.
- b. What change, what adaptations? - The change should have been detected, by pedagogy and didactics, by politics and economics, 50 years ago (Toffler warned), so that the correct strategies, education, social structures, organizations and conventions, adapted in time. To prepare the future. To adjust 'tools', objectives, strategies, operationalizations...
- c. What has changed?

The frame, namely

- a. Increasing the quantity and capacity of knowledge and the brutal reduction of its costs;
- b. the passage from a world of need to one of abundance;
- c. the technological capacity to move from 'dreaming to' to 'realizing dreams';
- d. the new perceptions of time and space and the relations between them that are established by the speeds of communication and displacement that have turned the world into a "global village";

e. the new relations between humans and these with the contexts according to what we said in the previous point;

The picture, namely

a. the available precision (examples - in time: from the second to the picosecond, distance: from millimeter to the light year,...);

b. the required rigor (not more rigor, but a rigorous cost-benefit ratio);

c. passing from one world of events to another of processes;

d. change from a plus / minus design to a one based on better;

e. passage from static to dynamic understandings;

f. passing from profit to income;

What adaptations? Give Man the ability to conceive and act in this new context, from being an executant to be a decision-maker, from being a maker to be an entrepreneur, from having a job to doing work, from being manpower to be a workman,... How to adapt? As we have been advocating in many other articles and publications, the evolutionary process in all aspects of the development of Man, like any other living being, goes through a set of aggressions or stimuli to which he reacts by seeking to adapt himself in order to reduce the effects of aggression and increase their likelihood of efficiency or even survival. In short we can synthesize this cycle as: Aggression » Reaction » Adaptation » Transformation. Changes do not happen by acts of magic or coming from 'the wondrous' (as many still believe) but from causalities and effects, in complex dialectics that science seeks to unravel and that we have a short life to enjoy. It is not enough to adopt some of these suggestions. It is essential to find a new coherence - therefore to make a break, in the conception defended by Thomas Kuhn. A coherence encompassing the adjustment of 'the tools' we use, the objectives we aim for, the strategies we use, the operations we do.

It is certainly not improving but it may even aggravate the problems, passing from:

a. lack of abundance if it is only to move from hunger to obesity (+ diets);

b. lack of information for excessive useless information;

c. ignorance of problems to be overwhelmed by the problems and catastrophes that can result from them;

d. the ease of communication to create disinformation and manipulation dynamics;

e. the opening of the spaces of exploitation for the exercise of laziness and the restrictions imposed by the minimum effort that obstructs the self-realization;

f. the technological capacity to control and subordinate others;

g. facility to produce for incompetence and submission.

Conclusion

The new possibilities that we are offered allow us to go far beyond what we would have been able to do even a few years ago. It's a whole world that presents itself, a different world, a new world. We are still traumatized by extemporaneous experiences that were carried out from the mid-nineteenth century. Chained by the "Lumières" from the previous century, with the presumption that the capabilities that an "Industrial Revolution" seemed to offer, we forgot Man, thinking that we could use it as any of the machines that mechanics supplied us with pieces that we could replace beautiful pleasure and with functions. Man is an element of a Nature which is not merely a collection of elements which is sufficient to overlap and fit in order to work (as Bertrand Russell well warned us - the Man component of Nature and not Man versus Nature). But being an element of Nature does not authorize us to exercise all fantasies and caprices. Nature is extremely strict and precise, errors, by defect or excess, are paid, because causalities have consequences and these in turn become causalities. We must seek to understand and explain, lying is not a viable option. Ignorance imposes humility (not subjection). But ignorance tends to be unconscious and aggressive. Curiosity can be a motivator of exploration and demand, but it can also be a gossip and intrusion. The possibilities are immense. Shall we take advantage of the wealth available or will we just squander it? It is known that in families there are series of three generations in the form of dealing with wealth - one generation creates it, the next preserves it, the third destroys it. Sweat is the catalyst for the value of wealth and responsibility. In societies it is the same - doubt is in the size of the series.



This work is licensed under Creative Commons Attribution 4.0 License
DOI: [10.19080/JPFMTS.2019.07.555713](https://doi.org/10.19080/JPFMTS.2019.07.555713)

Your next submission with Juniper Publishers

will reach you the below assets

- Quality Editorial service
- Swift Peer Review
- Reprints availability
- E-prints Service
- Manuscript Podcast for convenient understanding
- Global attainment for your research
- Manuscript accessibility in different formats
(Pdf, E-pub, Full Text, Audio)
- Unceasing customer service

Track the below URL for one-step submission

<https://juniperpublishers.com/online-submission.php>