

My Ideas and Research in CERN

by
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Abstract: The possibility of the confirmation of my theory by the research in CERN has been discussed.

During the lecture on classical electromagnetism I have heard that one group of physicists unifies gravitation with electromagnetism and another group unifies electromagnetism with the strong interaction. Then I have understood that all interactions had to be unified. And so as Mendeleev's periodic system has previewed elements undiscovered yet, so the system of interactions must preview the interactions not yet discovered, which yet are looked for in CERN.

I always accepted the idea of the additional dimensions although I was not the first who proposed them (Kaluza-Klein $D = 5$, Goldstone $D = 26$, Witten $D = 11$ and $D = 10$).

My 8 dimensions preview the place for the supersymmetrical particles in the 8-dimensional Dirac-Einstein equation.

8 dimensions correspond to tachyons ($v > c$) in the four additional dimensions and especially to machyons (the generalization of the tachyons). Both these beings can be discovered by the way.

The dark matter may be simply the Dirac sea but I am not sure about it.

The creation of the Dirac-Einstein equation by the 8-dimensional matrices and matrices representing the tensors previews the existence of particles being the results of the supersymmetry breaking.

In the case of the unification of the interactions it is necessary to unify at the beginning the sources of all the interactions – then the unification is automatic. It is possible because [of] gravitation and supergravitation and the de Broglie-Maxwell equation.

I introduce in my theory only a few new notions: additional interactions (besides gravitational, electromagnetic and strong ones), the machyons as the generalization of tachyons, the generalized probability in purpose to explain the existence of so called ghosts.

The great vision unifying the facts and conceptions of such scientists as: L. de Broglie, P. A. M. Dirac, A. Einstein, J. C. Maxwell, and A. Ashtekar, M. J. Duff, S. W.

Hawking, E. Witten, P. W. Andersson, J. Bardeen, L. Cooper, J. R. Schrieffer, J. Bars, R. P. Feynman, and L. D. Landau, is the most important advantage of my theory, which is a compact whole.

I have loosed a few fundamental problems and I have introduced certain postulates so that all would fit mutually.

Acknowledgements

I am sorry for the blustering tone but arrogance is well seen in science nowadays.