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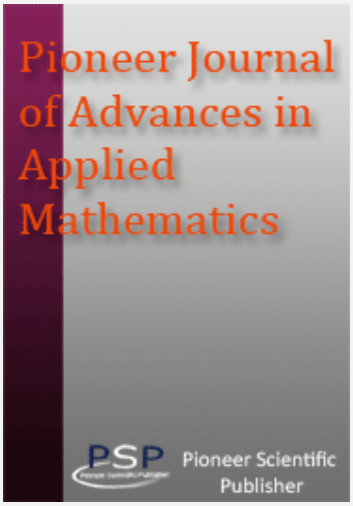

MISSING SPIN

Gudrun Kalmbach H. E.

Abstract

This article is an attachment to [Gudrun Kalmbach H. E., Cross products and Gleason frames, Pioneer J. Adv. Appl. Math. 10(1) (2014), 1-15]. Added are here the 2, 4 or 6 roll mills driven by 1, 2 or 3 motors called POTM, SIM, WIM where the 2 roll mill is for quarks with POTM, the leptons 4 roll mill adds WIM and a nucleon (proton, neutron) has all three motors running. Additional remarks are concerned with the Fano figure of [Gudrun Kalmbach H. E., Cross products and Gleason frames, Pioneer J. Adv. Appl. Math. 10(1) (2014), 1-15].

Experimental physics is not all what counts. The question studied in particle accelerating experiments is where a missing spin hides in the nano range. In case you are treated as an outsider like me, your theoretical solution is not worth an answer from them. My solution is: it is found in a special relativistic contraction and expansion of the quark triangle *rgb* inside a proton having three quarks of that color charges. The Moebius transformation symmetry group D_3 of *rgb* as equilateral triangle has as a degenerate orbit the three basic spin lengths.

Keywords and phrases: Gleason frames, projective Fano space, nucleon.