A new approach to the conformal invariance problem in quantum electrodynamics

Corrigendum

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In this paper the Abstract should be replaced by the one given below.

Abstract. A formulation of conformal-invariant quantum electrodynamics is suggested. In this formulation, new representations of the conformal group are used, which result in unusual laws of electromagnetic potential and current transformation. In the formulation the photon propagator has a transverse part, and modified expressions are obtained for the vertex and three-point Green function. The program of the asymptotic charge calculation within the frames of conformal-invariant skeleton theory is formulated.