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Comments of Referee
on the Letter to the Editor by Yukawa

It seems to contain only a trivial modification of the Dirac-Heisenberg theory of the positron which will not alter the result of that theory in any way. Your density matrix (5) differs from Dirac's (5') only in the method of labeling the levels. Since two ψ -functions with opposite momentum are complex conjugate, Dirac's matrix is obtained from yours just by replacing each ψ by the ψ^* of the state with opposite momentum. Since the sums extend over all possible values of the electron momentum, this makes no difference whatever. Your formulation does therefore not differ at all from Dirac's and Heisenberg's, and must necessarily lead to the same difficulties, as you yourself remark toward the end of your letter.