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Physics Department,  
Faculty of Science,  
Kyoto University,  
Kyoto, Japan,  
July 1, 1947.

Dear Prof. Oppenheimer,

I have been urgently wanting to exchange information with you. Fortunately, Mr. Tanaka, a student of physics in Osaka University is permitted very recently to return to your country, so that I can entrust this letter to him. He wants to study at Berkeley under your guidance if admitted.

I have been highly appreciating the works of yourself and your pupil on the meson theory until 1941. It is a great delight for me to find you still engaging in the difficult task of fundamental importance in theoretical physics. Although in our country the researches in this field were not very active during the war, several interesting works were done, for example, by Dr. Sakata and Dr. Tomonaga. After the war the activities in our field are more rapidly recovering than that in other fields of science. In order to have our works known to your country and other countries as early as possible, we have been publishing from last year a new journal "Progress of Theoretical Physics". First three issues of the journal were already sent to you. At the same time, we are very anxious to have information relating to the theoretical and experimental researches on the investigations into the elementary particles. I shall be very much obliged, if you would kindly inform me of recent progress in this field made in your country.

As to myself, I regret to say that little progress is made in  $\phi$  overcoming serious difficulties in the meson theory, but I am now trying to extend the field concept, which has been connected hitherto rigidly with the 4-dimensional space-time, to that in the 8-dimensional quantized space consisting of momentum-energy as well as space-time. It is a sort of the mixed theory, in which the universal length and the radiation damping are introduced in a rational way.

I am sure that the rapid progress of theoretical physics will be made in near future owing to the collaboration of scientists all over the world, in the centre of which we find your country. Please give my best regards to Prof. Lawrence, ~~and~~ Prof. Brode and other colleagues of your institute.

Hoping your further success in research, I remain  $yôyûsû$  always

Yours very truly,

H. Yukawa.