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COPY

Mathematical Institute  
Parks Road,  
Oxford

9th December, 1952

Professor Masao Kotani  
Department of Physics  
University of Tokyo  
Tokyo  
Japan

Dear Professor Kotani,

Now I can write a better letter to you. The last one was despatched to you in a great hurry in order to get you before Christmas. Both my wife and I send you and your family warmest greetings for Christmas and the New Year.

Your plans for the conference next September are progressing magnificently. I am not surprised that physicists from all over the world have accepted your invitation. When you make things look so attractive, it is impossible not to look forward to coming to Japan. With regard to the symposium on molecular physics at Nikko I shall, of course, be delighted to give an introductory lecture. I do not mind whether that is concerned with the "simple molecules" discussion, or the "large molecules" discussion, but I should be very glad if you would tell me which one you choose. Probably the best title for the lecture would be "Recent trends in the Theory of Simple Molecules" or "Recent trends in the Theory of Large Molecules" depending on which session you ask me to talk in.

I shall of course be very happy to take the Chair at one of the other sessions, and I have no doubt I shall participate in discussions from time to time. It seems to me that your proposal to have one introductory lecture by foreign guest followed by discussions, and then two or three shorter lectures mostly by Japanese workers, is excellent. I can think of nothing better. If there is going to be any difficulty in understanding what the various speakers say, do you think it would be desirable to try and arrange for Summaries of the various papers to be available. I know it is very difficult to get speakers to prepare Summaries sufficiently long in advance but when it can be done it is most valuable.

8-212

With regard to the main sessions of the conference at Tokyo and Kyoto, I will give a lecture very gladly if you want. Recently I have been interested in a slightly different approach to the theory of metals. We have obtained certain results which are interesting. The theory is intermediate between that of Pauling and Bloch. If you wanted, I could speak on this topic for perhaps twenty minutes or twenty five minutes. Probably by next September we ought to have some more results.

What magnificent plans you are making for our enjoyment. We look forward enormously to receiving the Guide Book which you promised to send. I can see that we shall want to stay as long as we possible can while we are in Japan.

Yours sincerely

Charles Coulson

12.24.- 45 (Soi-Bus)

- 2 -

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