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DEPARTMENT OF PHYSICS

January 7, 1963

Professor Feza Gursey
Middle East Technical University
24 Mudafaa Gaddesi
Ankara, Turkey

Dear Feza:

Thank you for your letter of December 25. We are happy to hear that you will be coming to the states for the coming academic year; although our happiness is slightly marred by the news that most likely you and Suha will not be living in New York. On the other hand, there are indeed many advantages in spending a year in Princeton and I understand your decision.

Upon Serber's suggestion, our joint paper on de Sitter space was submitted to the Proceedings of National Academy of Science. The addition that you suggested in your letter was unfortunately not included in the paper. During the confusion of last year, I have lost your previous letter. The preprints have also been sent out sometime ago from Columbia. By now, you should have received a number of these preprints.

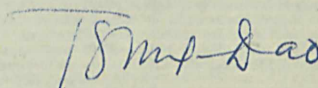
I think that I remember your conclusions on the discreet transformations in de Sitter space and I agree with you. I incline to doubt that any physics would come out from de Sitter space. We will have more time for discussions this May.

The application of Liouville Theorem on phase space makes the moving from a house to an apartment exceedingly difficult; however, it can be done. Now that we have settled in New York everything does look much better. At present, I am trying to finish two calculations on neutrino. One is a small calculation on the consequences of conserved vector current hypothesis and the two-neutrino experiment of Danby, et.al.; the other one is on the possibility of detecting very high energy neutrino reactions (50 Bev and up) by using the cosmic ray as a source and the planet earth as a target. Mel Schwartz is helping me on both calculations.

Do you intend to go to CERN this summer? The announcement from Les Houches says that you will also be there for part of the summer.

Jeannette joins me in sending you and Suha our warmest regards.

Yours,



T. D. Lee

TDL:ab

Boğaziçi Üniversitesi

Arşiv ve Dokümantasyon Merkezi

Kişisel Arşivlerle İstanbul'da Bilim, Kültür ve Eğitim Tarihi

Feza Gürsey Arşivi



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