

# Columbia University

Department of Mechanical Engineering  
Research Laboratories  
New York 27, N. Y.

PLEASE REPLY TO:

HEAT AND MASS FLOW  
ANALYZER LABORATORY  
624 ENGINEERING

February 28, 1958

Professor Dr. Herbert Melan  
Dekan Der Fakultät Für Maschinenwesen  
und Elektrotechnik  
Technische Hochschule in Wien  
IV, Karlsplatz 13  
Wien, AUSTRIA

Dear Dean Melan:

Thank you very much for your letter of February 4; I hope you will forgive if I answer in English since I have no secretarial help writing German, and trust that you have no difficulty understanding.

I had hoped that travel expenses within Europe could be paid but certainly do not want to make this a condition, since I want to visit Vienna anyhow; thus if the Institute cannot contribute to the traveling costs I will be happy to speak anyhow, provided, as I hope, we can arrange the schedule.

The question if the Aussen-Institut or the mathematisch-mechanisches Seminar would be the more appropriate place for a lecture I cannot judge. I thought to present the "passive element analog computer" which we have built here, based on Beuken's original work and which has found application in large variety of industrial problems, such as solidification of metals, curing of rubber, heating of glass, furnace design, to mention but a few. My idea was to show the basis of the work, describe how the computer is built and then demonstrate its power by discussing a number of problems and how they can be tackled on the computer.

I would appreciate hearing from you when your fall term starts and if there are specific days on which the Aussen-Institut or the Seminar meets. I have a number of invitations to speak in Germany and want of course to reduce traveling back and forth to a minimum.

Incidentally, I wonder if Professor Franke is the same gentleman who was in the Department of Electric Engineering at the same time that I was "Demonstrator".

Looking forward to hearing from you, I am

Yours sincerely,

VP:gc

V. Paschke

Director AND Associate Professor