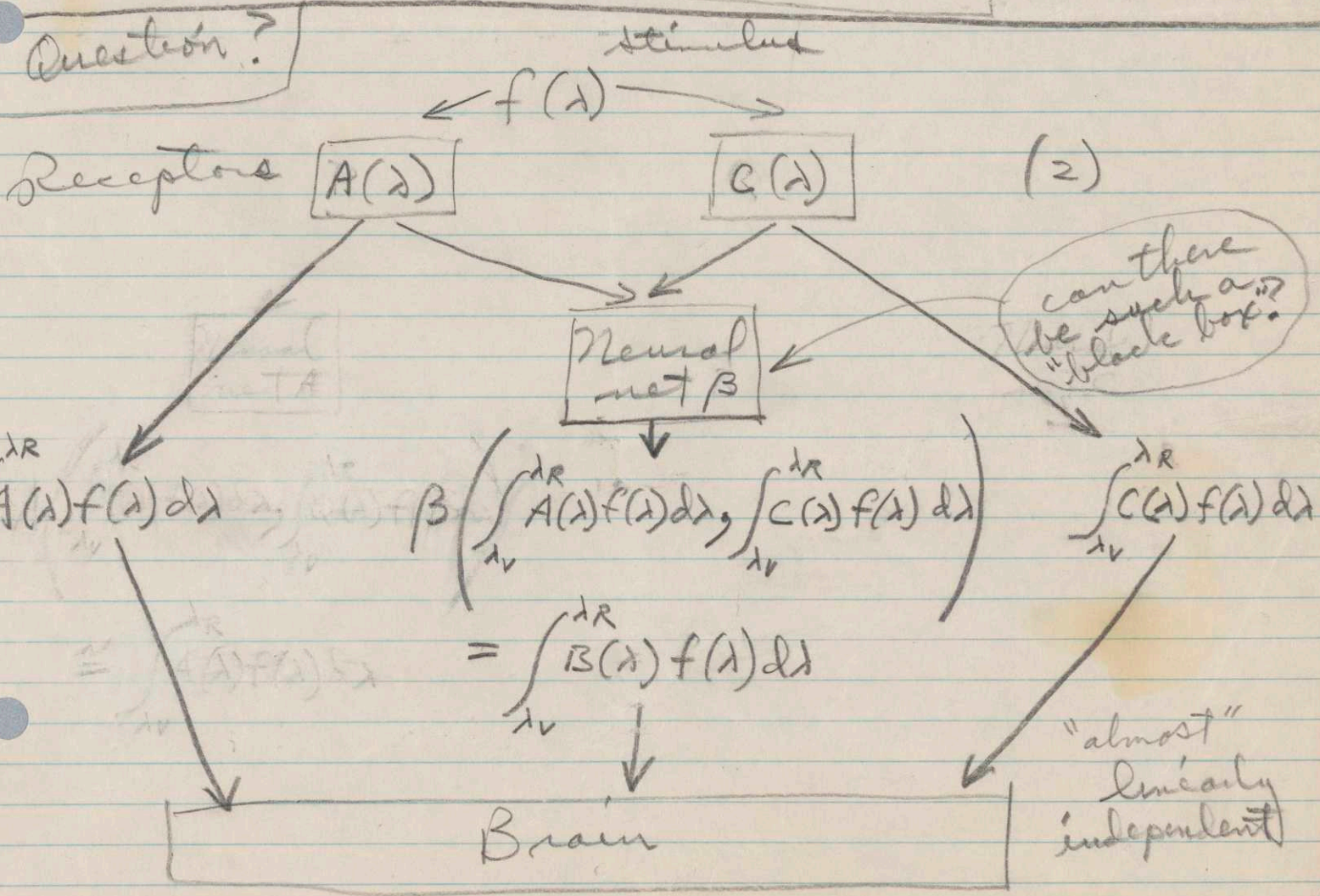
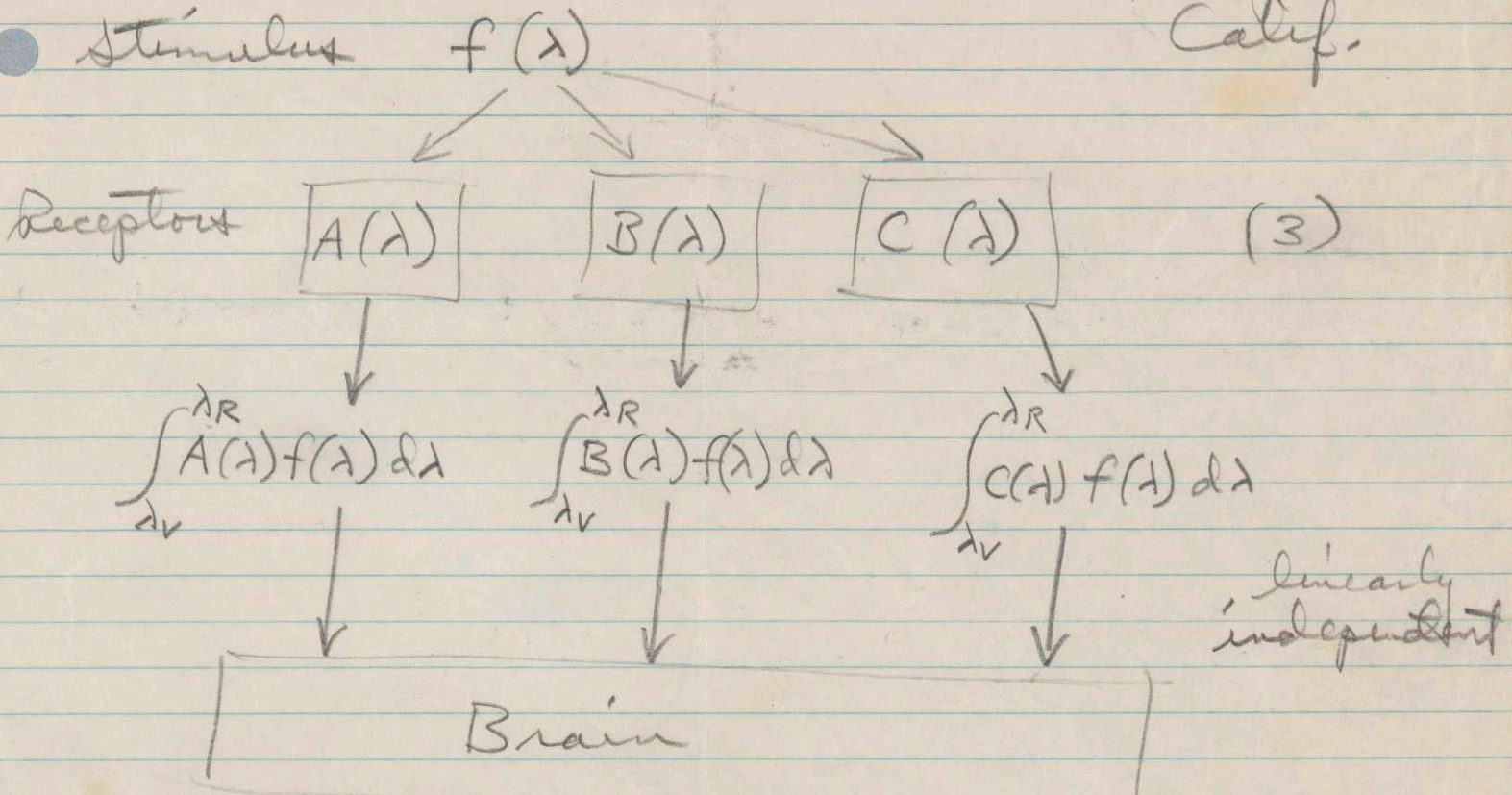


176

CORRESPONDENCE July, 1953

N. WIENER · MC 22
N. WIENER · MC 22

Classic The Color Vision Problem Don Kelly
 Technicolor
 Hollywood 38
 Calif.



LOWELL L. HOLMES
Director

DONCASTER G. HUMM
Consulting Psychologist

ROBERT C. MAYHALL
Assistant Director

GERTRUDE E. THUEMLER
Counselor

CERTIFIED



PERSONNEL

HUMAN ENGINEERING

SCIENTIFIC PLACEMENT

635 N. PENNSYLVANIA ST. • LINCOLN 5489 • INDIANAPOLIS 4, IND.

July 1, 1953

Professor Norbert Wiener
Mathematics Department
Massachusetts Institute of Technology
Cambridge 39, Massachusetts

Dear Doctor Wiener:

I am very glad that you had the opportunity between sessions of going back to your beloved New Hampshire and enjoying the hills and serenity of the landscape.

I called at your office while you were away. I was there on the 15th of June and I would have liked very much to have had a chance to talk to you.

I have been reading and re-reading your book "Ex-Prodigy".

From my viewpoint, this is exceptionally well written. Your command of words, your ability to picture a situation has a way of getting me involved in the mental conflicts which I know you had even when I knew you back in 1921, 22, and 23.

Among the many provocative items which you have brought up in your book, there are three that stand out right now as being important to me and the work that I am doing.

First, it is my belief that temperament has a great deal more to do with one's fundin an occupation or a career than any other characteristic ~~of~~ which may be a part of an individual. It is my belief that if we knew more precisely the type of temperament which an individual has then we could counsel them better as to what they should do with the capacities they have. In fact in many cases, it is possible to develop capacities much beyond what the Growth Potential seems, largely because of the fitness of temperament to the activities of the career.

Second, I am in much accord with your criticism of the grading method in Schools and Colleges. In my limited teaching experience, some seven years in College back from 1926 to 1932, I always felt that I should grade the individual upon the amount that he gave to the job in accordance with the capacities which he had for the job. Now this of course, involves something complex and to many people who grade papers, they don't want anything that complex, but it is my belief that many people who have little capacity,

EVALUATING PERSONNEL RISKS FOR INDIVIDUALS AND EMPLOYERS

Career Plans
Guidance

Personal Development
Reading Improvement

Human Engineering
Scientific Placement

Recruiting
Selection

Manpower Audits
Personnel Practices

2

Professor Wiener (continued)

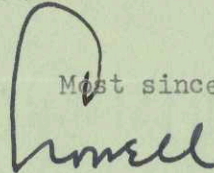
use that little so much more than those people who have great capacity. Also, there is a corollary that if we have great capacity and only use a small amount of it, then we will not ever be able to full-fill the full potential which we have. It is only by forcing people to do something beyond those powers that we actually come to the point where the capacity becomes real.

Third, is the influence which word fluency has upon the contribution of better than average or genius mind. It is my belief that we have failed utterly in most of our education in getting people to realize that the understanding of words and of literature and of all the abilities that go with transfer of ideas from one mind to another has not been pushed the way it should have been. Somewhere along the line, even the minds with great potential have lost lots of the keenness that they might have if they had only been given an academic or a classical education in addition to their high specialization. Many hundreds of Ph.D.'s never do anything more than receive a degree and it seems to me that they should not be given a degree for a lifetime, but that it should be given as a franchise for a period of years and if they don't do anything with it, then they should revert to merely having a Ph.D. in name and not be classified as those who actually are Doctors of Philosophy.

Now I'm sure that my comments are not too deep, because I know that you have the facility of going much deeper than what I have given you in a suggestion. However, I want you to know that you have given me a lot of pleasure in reading your book and that it was my pleasure to know you and to have you assist me and I shall never forget it. Somehow I feel that in your past and probably in the present, there are many who feel that you do not have a very great interest in people, but it is my belief that you had a belief in me and therefore, did some things for me which I could not do for myself and found a solution to some of my problems which I did not know had a solution.

Thank you again and I'll be thanking you over the years. If you ever come near Indianapolis, it would be my pleasure to have an opportunity to entertain you.

Most sincerely,



LOWELL L. HOLMES

LLH:mdp

[ans 10/5/53]

South Tamworth
New Hampshire
July 1, 1953

Simon & Schuster, Inc., Publishers
Rockefeller Center
630 Fifth Avenue
New York 20, New York

Dear Mr. Simon:

Your letter of June 19 is very tempting to me. On the other hand, there are two factors that tell against it, and I will be very frank with you about them. Factor one is that if I am so very much in demand for television, why shouldn't it be at the other fellow's expense rather than my own. A half an hour of an especially procured speaker ought to be worth considerably more than the fare to Chicago and back. Second, I have two big engagements next fall and winter which are going to take practically all the time I have free besides my work. One is the invitation to the Indian Science Congress for January, and the other is the better part of the week in the mathematical branch of the University of California in October. I think that the school is already beginning to be a little bit restive about the amount I am being away and frankly so am I. I might be persuaded by Mr. Cowan to give the talk, but the persuasion will have to take the form of hard cash, and plenty of that.

You will be glad to know that I have already made appreciable inroads into my next autobiographical book, and by the end of the summer I will certainly have to show you, not a perfect manuscript, but at least a manuscript covering all aspects of the case which will serve as guiding adequate basis for making an acceptable manuscript. You know my methods. I have found excellent secretarial work up here in the country, and meanwhile I am off my work and feed a bit, having some minor tinkering done on my physique which will make it safer on my Indian trip next year. I have a lot to do at M. I. T. with Shannon, Lee, and Fano. This will be material toward my next treatise in cybernetics with which I may share with Bronowski, with which I have already done a lot of work in the British Journal of the Philosophy of Science.

Sincerely,

Norbert Wiener

NW:jc

groff conklin

W. I. Van der Poel, Jr.
R. D. 2, Hudson, N.Y.

~~XXXXXXXXXXXXXXXXXXXX~~

~~XXXXXXXXXXXXXXXXXXXX~~

6

July 2, 1953

Dear Dr. Wiener:

That was a delightful letter from New Hampshire, and a perfectly fascinating story outline--the one about your Mexican character who cheats at chess. I am only sorry I haven't had a chance to answer it until now, but we too have moved to the country for the summer and I've had all kinds of business affairs and other complications to handle, and rush trips back to New York for one thing and another, and only now have I the peace and quiet I like when I write letters.

Do let me know what Doubleday decides on the story about the man with the handlebar moustaches! If you can fill it out to novel length--or even a long novelette that could be sold for a moderate price, I would think it would go like hot cakes! And I also agree that it would make a superb movie--whether by Hitchcock or not I wouldn't know, but a grand suspense film in any event---and with some high-grade macabre humor, too! (Incidentally, I don't wonder that you query whether you should not have submitted the material to Simon and Schuster. My feeling is that probably you should have, though I imagine you have no contract obligation to do so. Oh, well---it isn't a serious matter in any event.)

Now to our own business: I am enclosing duplicate copies of the forms I use for obtaining permissions to reprint stories in my new Permabook collection, filled out with the correct data for "The Brain." You will note that I have put the story in at a considerably longer word-count than it actually is; this is because I do not feel that a smaller payment than the one stated--\$40.00--would be fair for such a delightful tale and for such a famous "pseudonym"! If you have a chance, will you sign one of the copies and return it to me at your convenience?

"The Miracle of the Broom Closet" has been sent out to Anthony Boucher, editor of Magazine of Fantasy and Science Fiction, and we will now have to wait and see what his reactions are. They should be delighted; if they're not, I'll be mighty disappointed in Tony. . . I note, by the way, that you mention possible libel involvements in the "Broom Closet" story. Are these serious possibilities? I would not want to get you or Tony in trouble by causing a suit! Perhaps your best bet would be either to change names so that they are completely unrecognizable, or (better) get a statement from the people described in the story that nihil obstat as far as they are concerned. The same technique, if it is possible, could be followed with the novel, too. Would your chess friend make such a statement, I wonder? . . . Of course, I am no lawyer, and it might be wiser for you to get some advice from a competent attorney if you think there is really some chance of trouble.

July 2, 1953

Now I have a rather fascinating problem about a proposed book that I would like to appeal to you for some advice about. One of the members of the editorial staff of one of your publishers (the name of which I cannot yet mention, "in print," but it is one of the firms that has offices not far from Cambridge, Mass.--which I call quite a "tip" without giving away any trade secrets!) has approached me through my agent with the idea that I edit a symposium on the various and sundry problems that would arise, and reactions that would occur, if intelligent life were found to exist on some other planet in our own solar system (Venus preferably, or Mars, or even some of the more distant planets--or, perhaps, in the so-called "twilight zone" of Mercury) or else on a planet of another star system. The idea is to make the book a fairly solid job of extrapolation, speculation, what have you, and not just a fancy piece of sensationalism.

My first reaction to the idea was, naturally, enthusiastic--particularly since it was my notion that there was no reason why the life form to be discovered had to be even remotely like ours. You may know Loren Eiseley's piece, in Harpers some months back, in which he stipulates that if there is any other life in the Universe, it is most unlikely that it will be humanoid. I followed along with this idea in outlining the proposal to two of my semi-scientific friends.

Curiously enough, their reaction was quite negative. Both Willy Ley and Arthur C. Clarke, each of whom have done extensive popular writing (nonfiction) on the subject of space travel, say that they feel that no scientist (biologist, anthropologist or otherwise) would ever be willing even to speculate on the possibilities of intelligence on the solar planets other than ours; they are very firm about it, too. Arthur Clarke, whose best-known book in the field was a Book-Of-The-Month selection ("Exploration of Space"), leans toward the idea of using life from another star system as the subject of the book; he is one of the semi-scientific speculators who conceived of the possibility of interstellar flight, using the Einsteinian idea of ~~speeded-up~~ subjective time when traveling at speeds near that of light, as a far-from-impossible means of reaching the nearer stars. However, it seems to me to be a lot less convincing from the lay point of view than imagining some sort of life on one of the planets of our own system. *(slowed)*

I would very much like to have your reaction to the idea that we would develop an interesting and dramatic book out of the idea of the existence of some sort of life on Venus. The book would start out with a chapter, or two or three, establishing the objective conditions of environment on the planet, the forms of life thereon, and the nature of the intelligence possessed by that life; and thereafter it would contain chapters by different hands dealing with the many problems that the existence of such life would cause to arise on Earth. I hope that if the idea does go through I could persuade you to work out a paper dealing with the methods of opening communications between such alien life forms and ourselves---this is only a suggestion, you understand, and if you'd rather tackle some other aspect of it that would be just wonderful from my point of view.

July 2, 1953

The book will definitely skirt the flying saucer mania with great circumspection. It might be brought in, but only with minimum use of the idea and probably with an adverse, or critical, approach. My first thoughts are that the life form should be found on its own planet, not that it should find us via flying saucers; it seems to me that the latter idea is not only completely played out, but even worse is likely to be dangerous, as it can attract crackpots ("psycho-ceramics" as one of my friends describes them!) and cause an unpleasant mess.

If there is to be a book at all, then, it will have to deal with the possible discovery of intelligent life on Venus once we have developed space travel to a point where such voyages can be made. And once the stage is set and chapters on communications, quarantine, the sociology and economics and anthropology (wrong word, of course!) of the new forms of life are described and written, we will then have other chapters on what effects such life (and the inventions, resources and problems that life might possess) would have on us humans. There ~~would~~ would be sections on property, on economic exploitation, on effects on religion and law and education, on the "new frontier," on family life, on the entertainment world and its reactions to the new discoveries, etc., etc. But before we can have any book at all we have to find out if there are some reputable scientists who will be willing to indulge in sufficient extrapolation of the known to "invent" some life forms on Venus (or, if you prefer, Mars).

What do you think about the idea? I am planning to write Prof. Harold Urey, Prof. Eiseley, Prof. Hooton, and various other scholars and scientists about the book, but I will not do so until I have your reaction to the idea: I do not want to launch out on a wild goose chase and waste a lot of time if you think the idea is inherently bad. Naturally, I will await your reactions with a great deal of interest indeed!

In the meantime, I hope that you are having as cool and comfortable a hot-weather vacation as we are. We have acquired a completely delightful little hunting shack, complete with bottled gas refrigerator and stove and lights (with the old Welsbach mantles!), a brand-new outhouse, and water transported from the nearest town in a 120-gallon tank which is suspended by a heavy chain from a nearby tree. We have a magnificent 180° view of the Catskill range 30 miles away, and all the breeze in New York State sweeps up and over our hilltop. And all for \$25.00 a month!

Warmest regards,

Groff Conklin
Groff Conklin

[ans 7/8/53]

D. Wein
New York of Lech
Buffalo New

July 28 1953

Dear Sir

of a program on an apparatus to read also if you a printed page is all could be expected. The hardest problem is how we think of recognition. The average man does not like strangers as he has no pattern of his thinking. He enjoys meeting friends because he has an understanding of how he thinks. The first is recognition of a man will pass his friend on the street & even looking at him at times until the friend speaks. A familiar sound. On walking on city streets you will stroll until the curb calls you attention to traffic. The many considerations to be made. Traffic lights, studied down street.

The main factors in an apparatus to help as in selecting in recog. length of words, type of letters, subject matter, grammar, punctuation size, nouns, adjectives, etc. Length of sentence or shortness are all a matter of familiarity or unfamiliarity & make for ease of reading or translation as a person will find a friend more agreeable than a stranger. A child like everyone as he find all equally easy to understand. The older person try to think as a child. Example: Mothers automatically become children again.

So the child goes to mother at youth later it pass the father have a familiar pattern of thinking as every each other carrying.

A stimulus must be had for all thinking & acting. This in education dynamics is known. It probably is the same in all action. The way to read French & Latin we look for familiar pattern. try to guess the answer. It is the same in super alphabet. In high mathematics that

tracing of greater recognition of a familiar pattern. Recognition of various combinations of alphabet or say ~~to~~ two words combination or a letter and height be made by repetition as a child learns to A.B.C. a dog tricks of a monkey ride a bicycle. I have seen a young child refuse to be put on a logcush being afraid until he had accustomed himself to pushing it around by himself. This was recognition. We learn to type write by practice or recognition in a rapid manner when we have all the parts in our minds by use & recognition. The repetition of all words & phrases by the apparatus including various inflections, pauses, accented words emphasis, perhaps a tracing arm or method of double recognition would be of some use. The average computer does not seem any complicated process of thinking. It may be 99 per cent automatic as an apparatus. A study of children & wire tap of their talk may be useful. As well as possible a couple of average hair brained women or young girls or perhaps the very old when they become young again.

Better politicians than this recognition in thinking. Was
or caused by lack of recognition by some states. When all
spoke Latin was a game or sport. Spoken seldom made at
the end of the side this is though recognized. For best results
an apparatus should be as a man & woman in love who do
not have to speak. This is total recognition. They have
covered at a smaller pattern on a limited degree of thinking
& acting. It would seem that many things would be equal
as in an apparatus the partial matter should be transferred by
electron means into the machine, a vacuum would seem the best
medium of operation or as in the note Deussen experiments with bacteria
at present although. The objective is to arrive at a pure or non-
mechanical method as a child learns his alphabet & counts to
10 or 100 before he spells cat & dog. the adds $1+1$.

~~the~~ ~~the~~ ~~the~~ ~~the~~ ~~the~~ ~~the~~ ~~the~~ ~~the~~ ~~the~~ ~~the~~
If the few denoted principle of the older Hebrew
Roman language was practised on a sensible
electron apparatus or maybe a synthetic language
could be devised (translatable), using the general
laws of electron dynamics perhaps some progress would be
made in the method of thinking along from a printed
page

July 3, 1953.
1265 Plass St.
Topeka, Kans.

Dr. Norbert Wiener
Massachusetts Institute of Technology
Cambridge, 39, Mass.

Dear Doctor Wiener,

Thanks for your letter of May 28th
re "psychic energy", etc. I read in
the Sat. Rev. of lit. that you feel
at home either with fellow
mathematicians or complete ignoramuses
but can't abide in-betweeners.
Since I fall in the latter category, I
beg your indulgence. Perhaps we
amateurs may even be capable of
contributing something to Science!
At any rate, having myself started
out in mathematics & gotten diverted
into medicine, I'm engaged here
in a research project in which

(2)

we are intrigued by the possibility of studying an emotion quantitatively using Bertalanffy's open system concept. At least we're trying to study the implications of some dynamic equations in terms of observable psychological facts. Unfortunately we have made use of the concept of psychic energy, realizing full well that this is a fiction (in Hans Vaihinger's sense).

A propos of von Foerster's paper on a quantum mechanics theory of memory about which I wrote you — if you ever get a chance to read it, would you be so kind as to let me know what you think of it?

I think it has certain great weaknesses on the psychological side. He does not take into account that the dynamic part of human memory is mostly in the unconscious (which is timeless & immortal) & that reminiscence, instead of being a preservative process (via his "carrier theory") is psychologically the opposite - a destructive process. (This is explained very well in Theodor Reik's book: "Listening with the Third Ear" in the chapter on "Memory & Reminiscence".)

I remember so well our brief conversation on the way from Hawley Auditorium to

Duckworth Hall (to the office)
about psychic "energy" (baloney)
& psychic "forces". May I ask
a question which will expose my
ignorance? - Does not
the existence of a force imply
a source of energy? Would the
force of gravity exist if there
were no bodies having kinetic
or potential energy? (It's been
a long time since my physics.)

The Staff at Winter
Hospital all send you their
best. Hope to hear from
you.

Sincerely,
Paul Guffenheim, M.D.

[ans 7/24/53]

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DEPARTMENT OF PHYSICS
CAMBRIDGE 39, MASSACHUSETTS

July 3, 1953

Professor Norbert Wiener
Room 2-155

Dear Norbert:

This is to remind you that you agreed to speak before the Association for Computing Machinery, here at Tech, on September tenth.

Charley Adams will let you know the exact time and will want to know from you what title you wish your talk to have.

Regards,



Philip M. Morse

PMM: JM

cc Dr. Adams

PROFESSOR M. S. SUNDARAM
EDUCATION DEPARTMENT



EMBASSY OF INDIA
2107 MASSACHUSETTS AVENUE, N. W.
WASHINGTON, D. C.

July 3rd, 1953

Our Ref. F. 17-15

Dear Dr. Wiener:

The Indian Science Congress Association and the Government of India have asked this Embassy to convey to you their invitation to attend the 41st Session of the Indian Science Congress in the first week of January 1954, which is to take place in Hyderabad Deccan, India.

The Government of India have further advised that they would greatly appreciate your being their guest for a period of a month to six weeks in order to visit research laboratories and universities. Air passage to and fro will be arranged by the Embassy at the appropriate time. I shall be very grateful if you will let me know your decision in this matter.

With best regards,

Yours sincerely,

M. S. Sundaram

M. S. Sundaram

Dr. Norbert Wiener, F.R.S.,
Massachusetts Institute of
Technology,
Cambridge, Massachusetts.

[ows 7/29/53]

COPY

Professor M. S. Sundaram
Education Department

Embassy of India
2107 Massachusetts Avenue, N. W.
Washington, D. C.
July 3rd, 1953

Our Ref. F. 17-15

Dear Dr. Wiener:

The Indian Science Congress Association and the Government of India have asked this Embassy to convey to you their invitation to attend the 41st Session of the Indian Science Congress in the first week of January 1954, which is to take place in Hyderabad Deccan, India.

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With best regards,

Yours sincerely,

M. S. Sundaram

Dr. Norbert Wiener, F. R. S.,
Massachusetts Institute of Technology,
Cambridge, Massachusetts

Saturday, July 4, 1953

Bill from Middlesex Fruit Company	Mrs. Wiener
Bill from Filene's	Mrs. Wiener
Bill from The Walsh Shoe	Mrs. Wiener
Bill from Jordan Marsh Company	Mrs. Wiener
Bill from P. R. Winters Company	Mrs. Wiener
Letter & Contract from Groff Conklin-immediately	Prof. Wiener
Bank Statement	Mrs. Wiener
Advertisement from Mass-Wharf (KCoal, Oil, Coke)	Kept
Boston Daily Globe	kept
Belmont - Mass. Citizen	kept

Tuesday

Letter from Mrs. John L. Mahoney	Prof. Wiener
Bill From J. L. Hammett Co.	Mrs. Wiener

This is all the mail to date. This will be the last mailing (except for rush items), as you will be here before the ~~MAILING~~ mailing on Saturday would reach you.

Janet M. Corliss

MRS. JOHN L. MAHONEY
87 GLENDALE ROAD
QUINCY, MASSACHUSETTS

July 5, 1953

Dear Dr. Wiener,

My husband and I thought you might like to know how much we have enjoyed reading your book, "Ex-Prodigy". Since my husband is a school principal, and I was formerly a teacher of young children, we appreciated greatly the story of your childhood, and the factors which you evaluated as contributors to your development.

Also, my husband is a graduate of Tufts '21, and Harvard '33, and it was for him a pleasant renewal of certain names and places.

I write also as a citizen of Quincy. We

MRS. JOHN L. MAHONEY
87 GLENDALE ROAD
QUINCY, MASSACHUSETTS

discovers a little item concerning our city which you might like to have corrected in future editions.

On page 247 - line 6, you refer to the Fall River Shipyard in Quincy. This should read "the Fore River Shipyard in Quincy," the yard deriving its name from the body of water on which it is located.

With heartiest congratulations on the publishing of your excellent book, and with hot wishes for continued success and happiness to you and Mrs.

Wierers, I am

Cordially yours,

Edward U. Mahoney

Mrs. John L.

ARAM BOYAJIAN
CONSULTING ENGINEER
55 STRATFORD AVENUE
PITTSFIELD, MASS.

July 6, 1953

Dear Professor Wiener: -

Here is my address in case there should be an extra copy of your lecture notes that could be spared for me.

I am very grateful to you for the inspiring conversation we had on the fourth.

Very sincerely yours

Aram Boyajian

Perhaps the notes will be too heavy for mailing. If your secretary will hold them for me, I will have someone stop in for them.

AB.

[enc 7/7/53]

HEBRON ACADEMY
HEBRON, MAINE

July 7, 1953

Dear Dr. Weimer,

Next year Hebron Academy will be celebrating the One Hundred and Fiftieth Anniversary of its founding. As part of the recognition of this event, each department will conduct a one day meeting with morning and afternoon sessions.

I, as head of the Mathematics Dept. and on behalf of the school, am hoping very much that you will honor us by addressing the afternoon meeting on Wednesday, March 3, 1954

If you feel you can accept this invitation, I will

be only too happy to meet you in Cambridge at your convenience to discuss further details of the program, transportation, newspaper releases, and remuneration.

All mathematics teachers in the State of Maine, both public and private, as well as those within a hundred mile radius will be invited. Am certain the Maine colleges will also be represented.

The subject may be of your own choosing and approximately an hour to an hour and a quarter in duration. Possibly a talk on "Mathematics As A Humanistic Discipline" might be considered - more

HEBRON ACADEMY
HEBRON, MAINE

on the product of man's thinking; mathematics for mathematics itself rather than as a tool.

I hope you will be free to accept this invitation and that you will let me know your decision at your early convenience. You are the first person I have contacted, so will do nothing further until I hear further from you.

Hoping for a favorable reply, I am,

Very sincerely,

Ladd MacMillan
Head of Math. Dept.

[Ans. 7/24/53]

Dept. of Math.
Mass. Inst. Tech.
Cambridge, Mass.
July 7, 1953

Dr. U.P. Basu, General Secretary
Indian Science Congress Association
1, Park Street, Calcutta 16, India

Dear Dr. Basu:

I am now in a position to say that I accept your invitation, having cleared with M.I.T. I expect to leave Boston any time after the beginning of our Christmas vacation which begins December 19th and it is highly desirable that I should be back for Registration Day the second term which is February 8th.

I am notifying the consular attache at the Indian Embassy in Washington and forwarding him a copy of your letter. I expect that he will be able to make arrangements for my transportation.

I am also forwarding a copy of your letter to the State Department of the United States in connection with obtaining a passport.

I am counting on a very good time in India.

Sincerely yours,

Norbert Wiener

July 7, 1953

Mr. Aram Boyajian
Consulting Engineer
55 Stratford Avenue
Pittsfield, Mass.

Dear Boyajian:

Many thanks for our conversation and your
cigars.

I am leaving your letter in the hands of
the department secretary who will send you a
copy of the notes.

Sincerely yours,

Norbert Wiener

NW:rg

Dept. of Math.
Mass. Inst. of Tech.
Cambridge, Mass.
July 7, 1953

Dr. P.C. Mahalanobis
Indian Statistical Institute
204 Barrackpore Trunk Road
Calcutta 35, India

Dear Dr. Mahalanobis:

I am accepting the invitation of the Indian Science Congress Association and shall be in India in all probability from late December until early February.

This time I am coming alone. When I am in India I shall have a chance to talk over with you ~~your~~ kind invitation for a longer stay later.

Sincerely yours,

Norbert Wiener

NW:rg

July 7, 1953

Passport Officer
Department of State
Washington, D.C.

Dear Sir:

I am enclosing a letter of invitation which I have received from the Indian Science Congress Association to go to India some time in December and to return late in January or early in February. I understand the matter has been brought to the attention of the First Secretary of the Embassy of India in the United States.

Will you please advise me as to what steps I should take to obtain a passport and will you be good enough to advise the First Secretary of the Indian Embassy in any matters concerning the trip.

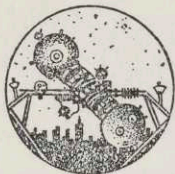
Respectfully yours,

Norbert Wiener

P.S. I have an expired passport which I used as a Fulbright Fellow on a trip to Europe two years ago. I shall forward it to you as soon as I can get to my bank and find it in my safe deposit box.

N.W.

NW:rg
Enc.



THE HAYDEN PLANETARIUM

81ST STREET AT CENTRAL PARK WEST
NEW YORK 24, N. Y.

Robert R. Coles, *Chairman*
Catharine E. Barry, *Associate Astronomer*
Joseph M. Chamberlain, M.A., *Assistant Astronomer*
Frank H. Forrester, *Supervisor of Guest Relations*
Hugh S. Rice, Ph.D., *Research Associate*

DEPARTMENT OF ASTRONOMY
THE AMERICAN MUSEUM OF NATURAL HISTORY

July 8, 1953

Dr. Norbert Wiener
Professor of Mathematics
Massachusetts Institute of Technology
Cambridge 39, Massachusetts

Dear Dr. Wiener:

The American Museum-Hayden Planetarium is now making arrangements for its Third Symposium on Space Travel, which will be held on 27 April 1954 with myself as Coordinator.

I am writing to ask if you would be prepared to give, in the portion of the Symposium devoted to some specific problems of astronautics, a paper of about 20 minutes' length on the subject of communication. By this I do not mean the merely technical one of exchanging signals (this was dealt with in the last Symposium) but the more fundamental problem of exchanging information with intelligent extra-terrestrial beings.

Professor Lancelot Hogben gave a paper on this subject to the British Interplanetary Society in London last year, and it aroused a great deal of interest. I should be glad to send you a copy if you have not seen it.

Admittedly, this subject is purely speculative and may be of no practical value even when space-flight is well-established, but, in view of its fascination and of your own interests, I thought you might care to contribute to the Symposium along these lines.

Although I am now leaving for England, my colleagues at the Planetarium will be glad to give you any additional information, and I very much hope you can take part in our program.

Sincerely yours,

Arthur C. Clarke

Arthur C. Clarke, B.Sc., F.R.A.S.
Coordinator, Third Space-Travel Symposium

AC:plp

[ans 7/15/53]

7 / 8 / 53

Prof. Norbert Wiener

I am now sending to a copy of book edited by myself, which contains the speeches and discussions carried out on the 1st Conference on cybernetics in Japan held at the sponsorship of Japanese Scientific Councils at the Japanese Academy in October 25th, 1952.

I presume I am sending a book which you cannot read by means of Japanese language. Nevertheless we feel it indispensable still to send our conference to the founder of this science with our highest regards.

The 2nd Conference on Cybernetics will be held at our University of Kyushu in September 5th, 1953.

I always have been reminding of you when I had a happy night of meeting with you at Tokyo, in Summer of 1935 on your way to China. Whether you still remember

the Japanese young mathematician who asked
your advices on integral equation? — I am
not quite sure, but please remind
that the person was just I.

The research workers who gather to
cooperate with each other in order to
have good understandings to cybernetics
are always hoping to have your intimate
guidances and to have keen interests
how the present state of cybernetics is
going on.

In a few days I shall return to
Japan, and I am hoping to see you
when I shall visit your country
this autumn. My own address is

Mathematical Institute
Faculty of Kyusyu Univ.
Fukuoka, Japan

With the best regards I remain

Yosio Kitagawa

July 8, 1953

Mr. Groff Conklin
c/o W.I. Van der Poel, Jr.
R.D. 2, Hudson, N.Y.

Dear Conklin:

I am down at M.I.T. for a week's teaching but shall be up in the country next week and shall very soon go back to the farm and take up literary work.

As to the "Day of the Dead" story I have already submitted the material to Simon and Shuster on it and have agreed with them that they have prior claims to it and when Epstein took it to the Doubleday people it was with the understanding that he was not free to negotiate with them unless he should receive the permission of Simon and Shuster.

I am sending back one copy of the form which you have sent me.

As to the probable libel involved in the "Broom Closet" story I do not think these are serious because no names are recognizable even approximately, but if Mr. Boucher so wishes I shall approach my friend, Arturo, in the matter.

As to your other question I still regard it with the greatest of doubt. Here I check with your scientist friends. If you should, however, turn up in New Hampshire during the summer we might talk the matter over.

With many thanks,

Sincerely yours,

Norbert Wiener

NW:rg

Enc.

UNIVERSITY OF CALIFORNIA

DEPARTMENT OF MATHEMATICS
LOS ANGELES 24, CALIFORNIA

July 9, 1953

Professor N. Wiener
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dear Professor Wiener:

I enclose:

1. A mimeographed letter giving some details about the course MODERN MATHEMATICS FOR THE ENGINEER, for which you are planning a lecture.
2. A list of speakers, subjects, and dates.
3. A brochure concerning a companion course, just completed, in physics.
4. Two mimeographed sheets asking for information concerning yourself and your lecture, for inclusion in a similar brochure which will be prepared for the mathematics course. In particular, we have asked for a photograph and hope you will not object to the slight inconvenience of supplying this.
5. A duplicate of item 4 for your files.
6. A copyright agreement.
7. A duplicate of item 6 for your files.

Please process items 4 and 6 at your early convenience, within the next week, if possible, and return them to me.

You will later receive:

1. A simple contract from the University of California, agreeing to pay \$75.00 for each of the times you deliver your lecture for us, and providing for travel allowance.
2. A contract from McGraw-Hill and me agreeing to pay \$150.00 for your manuscript.
3. A form asking if we can be of service in arranging your transportation and lodging.

UNIVERSITY OF CALIFORNIA

DEPARTMENT OF MATHEMATICS
LOS ANGELES 24, CALIFORNIA

We are indeed looking forward with great pleasure to having you lecture for us, and are confident that with your help the course will be a most successful one.

Sincerely yours,

E. F. Beckenbach

E. F. Beckenbach.

EFB:mh

Enclosures

I trust it will not be too much trouble for you to prepare some of your material twice, in a sense - once for us and once for your book. No doubt you can either avoid duplication of an objectionable sort, or can obtain permission from the publishers for the duplication.

E. F. B.

MODERN MATHEMATICS FOR THE ENGINEER

U.C.L.A. 1953-54

<u>Speaker</u>	<u>Subject</u>	<u>Date</u>
<u>N. Wiener</u>	Theory of Prediction	October 19
C. Eisenhart	Statistics	October 26
S. Lefschetz	Stability Theory	November 2
J. W. Green	Ballistics	November 9
D. H. Lehmer	Computing Machines	November 16
L. Pipes	Matrix Methods	November 30
G. W. Brown	Monte Carlo Methods	December 7
J. L. Barnes	Transform Methods	December 14
R. Courant	Partial Differential Equations I	January 11
M. M. Schiffer	Partial Differential Equations II	January 18
I. S. Sokolnikoff	Elasticity	January 25
G. Forsythe	Relaxation Methods	February 1
E. F. Beckenbach	Conformal Mapping	February 8
C. B. Morrey	General Points of View in Solution of Equations	February 15
M. R. Hestenes	Calculus of Variations	March 1
G. King	Operations Research	March 8
R. Bellman	Dynamic Programming	March 15
F. Bohnenblust	Theory of Games	March 22

WHEREAS

Edwin F. Beckenbach has entered into agreement with the McGraw-Hill Book Company, Inc., of New York, New York, to prepare and deliver the manuscript for a work entitled MATHEMATICS FOR MODERN ENGINEERING, and

WHEREAS

The instrument of agreement includes the following guaranty:

"The author (Beckenbach) guarantees that the work is original, contains no libelous statements and in no way infringes on or violates any copyright, trademark or patent of others, nor any statutory right or proprietary right of others, and that he will indemnify and save harmless the Publishers from all costs, expenses and damages arising from any breach of such guaranty."

and

WHEREAS

The undersigned N. Wiener is to prepare and deliver a manuscript entitled _____ which will be an integral part of the said work,

NOW, THEREFORE

The undersigned hereby acknowledges responsibility for the portion of the work to be prepared by him and delivered to Edwin F. Beckenbach, and agrees that he will indemnify and save harmless the said Edwin F. Beckenbach from all costs, expenses, and damages for which the said Edwin F. Beckenbach may become liable under the guaranty in the said instrument of agreement, but solely in respect to the portion of the work prepared by the undersigned.

Witness:

Barbara Beaumont Cole

Date

Norbert Wiener

American Institute of Electrical Engineers

LYNN



SECTION

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A. E. NEWTON, *Basic Science*

July 9, 1953

Dr. Norbert Wiener
Professor of Mathematics
Massachusetts Institute of Technology
Cambridge 39, Massachusetts

Dear Dr. Wiener:

In planning the program for the coming year of the Lynn Section of A.I.E.E., a great interest was exhibited by the Executive Committee in your recent book entitled "Cybernetics". I should, therefore, like to invite you to address the Section on either Tuesday evening at 8:00 P.M. on December 15, 1953, or March 30, 1954. If you find that either of these two days are inconvenient, would you be so kind as to suggest another gentleman or possibly another Tuesday evening when you yourself could come to discuss this subject with us.

An early reply will be appreciated.

Very truly yours,

W. W. WORK
CHAIRMAN, INSTRUMENTS & MEAS.

40 Federal St.
W. Lynn, Mass.

[Lans 7/29/53]

groff conklin

% W. I. Van der Poel, Jr.
R. D. 2, Hudson, N.Y.

~~437 West 77 Street~~

~~New York N.Y.~~

July 13, 1953

Dear Dr. Wiener:

My sincerest thanks for the returned form concerning the use of the "Brain" story, and also for your comments on the idea for a book on imaginary Venusians. I appreciate the latter because it does put a final quietus on the idea for such a book as it was specifically outlined by the publisher's representative. However, I think that there is a better approach to the general idea of the book; it is one that I originally outlined and that the publisher's young man has not, I think, ever seen, since my agent was strong against it. I am attaching herewith a carbon copy of my proposal entitled THE PEOPLED UNIVERSE, and would very much like to have your opinions on its merits or otherwise.


You will note that it is much more scientific in its speculations and much less sensational in its approach than the one I finally turned out and described in my previous letter to you. It is my feeling that a book such as the one I have outlined would be a really worth-while bit of scientific-philosophic speculation and that it also would be a quite salable item.

But I don't want to oversell the idea by talking about it! So, when you have a spare moment this summer, perhaps you will go over it and give it a thoroughgoing criticism? I would be most obliged for it.

The idea of traveling New Hampshire-wards in August continues to intrigue my wife and me, but we are not sure at the moment whether we can make it. If we can, we will of course let you know when we're passing by some time in advance.

No word as yet from Boucher in regard to the Broom Closet tale; you may be sure I will transfer the word to you as soon as any is received.

Most cordially,



2623 College Avenue
Berkeley 4, California
July 13, 1953

Dear Dr. Wiener,

Just a brief note to acknowledge your very gratifying reply to my previous letter. I have done as you suggested and my formal admission as a special student at MIT now rests with the Mathematics Department of that institution.

Whatever their decision, I shall be studying in the vicinity of Boston next fall; I look forward to communicating with you further at that time.

Very sincerely yours,
Janet Landis

South Tamworth
New Hampshire
July 13, 1953

Jason Epstein
Doubleday & Company, Inc., Publishers
575 Madison Avenue
New York 22, New York

Dear Mr. Epstein:

I am just coming home on the fourteenth and guests
are coming on Friday for three days.

Would you be able to put the visit off until next
week? I want very much to have my time completely
free for you.

Sincerely,

Norbert Wiener

NW:jc

Atlanta, Ga.
7/14/53

Mr Norbert Wiener
M. I. T.
Cambridge, Mass

Dear Sir:

Why not televise objects and transmitt reduced voltage impulses of this, to the severed Optic nerve ends in the vacant orbits of persons whose eyeballs have been removed - - Then let the patient re-learn to interpret sight in terms of these new electric stimuli? ? ?

Just another thought in ^{the} "jungle" of new projects to work on.

Respectfully yours,

L. D. Berryman

Dr. L.D. Berryman - Optometrist
Buhl Optical Co.
12 Broad St. S.W.

[ans 7/28/53]

HARVARD OBSERVATORY MEMORANDUM

From: Donald H. Menzel

Date: July 14, 1953

To: Norbert Wiener

Subject:

I picked this up in Paris and thought it might interest
you.



ETTA G. GALLAGHER, PRESIDENT
EDWARD J. GALLAGHER, TREAS.

The Laconia Evening Citizen

PUBLISHED AT
CITIZEN PUBLISHING HOUSE

18 BEACON STREET
LACONIA, NEW HAMPSHIRE

July 15, 1953

Dr. Norbert Weiner
Sandwich
New Hampshire

Dear Dr. Weiner:

I welcomed the opportunity of meeting you on your recent visit to the office.

My responsibility with the Evening Citizen is direction of our daily editorial page. I am writing you now to determine your willingness to contribute a guest editorial which we might use on this page sometime in the future. We feel sure you could dictate a brief message to your assistant for our use which would be of interest to the many readers in this area who know you so well.

We would leave you completely free range on the subject matter...possibly you might wish to tackle Sen. McCarthy, but we will leave this entirely up to your own judgment.

The editorial need not be long, 500-600 words more or less as you feel inclined.

We would feel privileged indeed to have a message from you and shall look forward to hearing from you.

Mr. Gallagher sends his best wishes to you.

Very sincerely,

John J. Ballentine

[ans. 7/24/53]

ROBERT P. KNIGHT, M. D.
MEDICAL DIRECTOR

EDGERTON McC. HOWARD, M. D.
ASSOCIATE MEDICAL DIRECTOR

AUSTEN RIGGS CENTER, INC.

FOR THE STUDY AND TREATMENT OF THE PSYCHONEUROSES
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STOCKBRIDGE, MASSACHUSETTS

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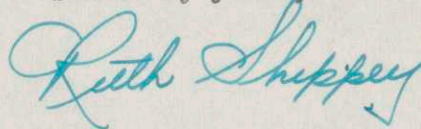
RICHARD R. LININGER, M. D.
* STUART C. MILLER, M. D.
NORMAN POLANSKY, PH. D.
DAVID RAPAPORT, PH. D.
DAVID SHAPIRO, PH. D.
ALLEN B. WHEELIS, M. D.
ROBERT B. WHITE, M. D.
* ON LEAVE FOR MILITARY SERVICE

July 15, 1953

Dear Dr. Wiener:

Dr. Rapaport has received the reprint
"Speech, Language, and Learning, " and very much
appreciates your sending it to him. He will give
it his careful attention at the earliest possible
moment.

Sincerely yours,



(Mrs.) Ruth Shippey
Secretary to Dr. Rapaport

Dr. Norbert Wiener
Massachusetts Institute of Technology
Cambridge, Massachusetts

South Tamworth
New Hampshire
July 15, 1953

Dr. L. M. K. Boelter
Department of Engineering
University of California
Los Angeles, California

Dear Dr. Boelter:

I have now consulted with my superiors at M. I. T. and I am in a position to say definitely that I accept the offer to give three or four lectures at the various branches at the University of California this October on the dates you have given. I also am in a position to say that I am ready to give you the manuscript for which you ask. I have already delivered a series of lectures containing material of my California lectures and much more, during a one week summer course at M. I. T. on Mathematical Problems of Communication Theory. I send you under separate cover the mimeographed notes from which I authorize you to make such a selection as you please for my article. However, I request from you, permission to use this material again as a part of a Treatise on Cybernetics which I am writing as I would find myself seriously handicapped by being obliged to edge around it. I also intend to use the material in these lectures in a course which I am to give in India this winter at the Science Congress and elsewhere.

With the hopes of seeing you again I remain,

Very sincerely,

Norbert Wiener

NW:jc

P. S. I would consider it a favor if you would let it be known at California Tech and at Leland Stanford that I am to be in California this autumn, as they might be interested in having me give them lectures while I already happen to be there. If, however, you feel as you may rightly feel, that you have the first lien on my services and that it would be improper for me to lecture elsewhere during my trip, you will be quite justified in this attitude, and I shall be glad to accept it. Only please let me know.

N. W.

South Tamworth
New Hampshire
July 15, 1953

Miss Ruth Goodwin
Secretarial Staff
Massachusetts Institute of Technology
Cambridge 39, Massachusetts

Dear Miss Goodwin:

When I was down in the city I forgot to load up with M. I. T. stationery for my correspondence. Can you send me an assortment of it containing both large and small envelopes with a few air mail envelopes, and both whole sheets and half sheets. I have a considerable correspondence here and I think it is more dignified to use Tech paper.

Sincerely yours,

Norbert Wiener

NW:jc

P. S. Many thanks for the work you did on the notes on my course.

NW

South Tamworth
New Hampshire
July 15, 1953

Mr. Arthur C. Clarke, B. Sc., F.R.A.S.
Coordinator, Third Space-Travel Symposium
The Hayden Planetarium
81st Street at Central Park West
New York 24, New York

Dear Mr. Clarke:

I am already pretty well loaded up with talks for next year and I beg to be excused from the Third Symposium on Space Travel. In the first place, I have not thought seriously on the subject, and, in the second place, I hold a very determined view concerning the possibility of communicating with beings which may be intelligent, but which, if they are, are probably built on very different principles from ourselves. My real view is that if and when we manage to reach the surface of any other planet, we shall either find it lifeless or with a life on such different principles as scarcely to be recognized by us as anything more than a possible film of vegetation. In other words, I think that the flying saucer attitude to extraterrestrial life is so anthropomorphic that it just doesn't make sense.

Sincerely yours,

Norbert Wiener

NW:jc

ALPHON C. CLARKE, B. SC., F.R.A.S.

JULY 15, 1953
New Hampshire
South Tamworth

Viggo Victor Kutschera,
c/o
1037 West 7-th Ave.,
Vancouver 9, B.C.,
Canada.

July 16-th 1953.

Mr. Norbert Wiener,
Dept. of Cybernetics, M.I.T.,

Dear Professor:-

This may surprise you sir, my making respectful enquiry regarding the late Prof. Paley, the young mathematician and brilliant research fellow from Balliol and St. Mary's at Oxford, who had the misfortune during the early 1930's to get himself into an avalanche whilst skiing on Fossil Mountain nr Skoki Ski Lodge in the Canadian Rockies. It was inevitable that Paley got killed.

Could you sir let me know, briefly, where I could obtain info regards to his person-- scientific standing & other data concerning Paley? (whom I took for an extremely interesting Englishman from the occasional talks I've had with him during diverse tours I undertook in his company.)

The undersigned is the Austrian alpine ski-guide who warned the potential avalanche-victim Paley pertaining the very real dangers of latent windslab snow-slides, etc., and who looked for him and found his body the following morning on a spot right above frozen Baker Lake.

It is with pleasure that I recall mine was the unusual opportunity to meet Prof. Wiener also, and to talk to him after the funeral at Banff. Perhaps you remember meeting there at the artist Peter Whyte's place one Mr. Osborne, Sheffield Steel executive en-route to the Orient? Mr. Osborne had been a close friend of Paley's at Oxford -

For any tip or info I may receive, I shall be most obliged, as Paley's personality was thus intriguing that it still doesn't give me peace of mind until I shall find out more about him than I already know. For he was a very fine, if oddish sort of a fellow, that giant.

Trusting you'll answer, I remain
Yours very truly:

Viggo Victor Kutschera
Viggo Victor Kutschera.

[ans 7/29/53]

South Tamworth
New Hampshire
July 16, 1953

Manager, Baker House
Massachusetts Institute of Technology
Cambridge 39, Massachusetts

Dear Sir:

I enclose the following key which I took away by mistake. I hope its absence has put you to no extra trouble.

Yours truly,

N. Wiener

NW:jc

My dear Dr. Weiner,
I thought you would enjoy
reading Lord Russell's first
book of fiction. Yours faithfully,
M. Lincoln Schuster

THE INNER SANCTUM of
SIMON AND SCHUSTER
publishers • 630 FIFTH AVENUE
ROCKEFELLER CENTER, NEW YORK 20

has just sent under separate cover to

Dr. Norbert Weiner

a complimentary advance copy of

SATAN IN THE SUBURBS
And Other Stories

by

Bertrand Russell

which the publishers believe will be
of interest. The publication date is:

July 16th 1953

(over)

A word of acknowledgment, together with permission to quote your comment, if you wish, will be greatly appreciated by the publishers.

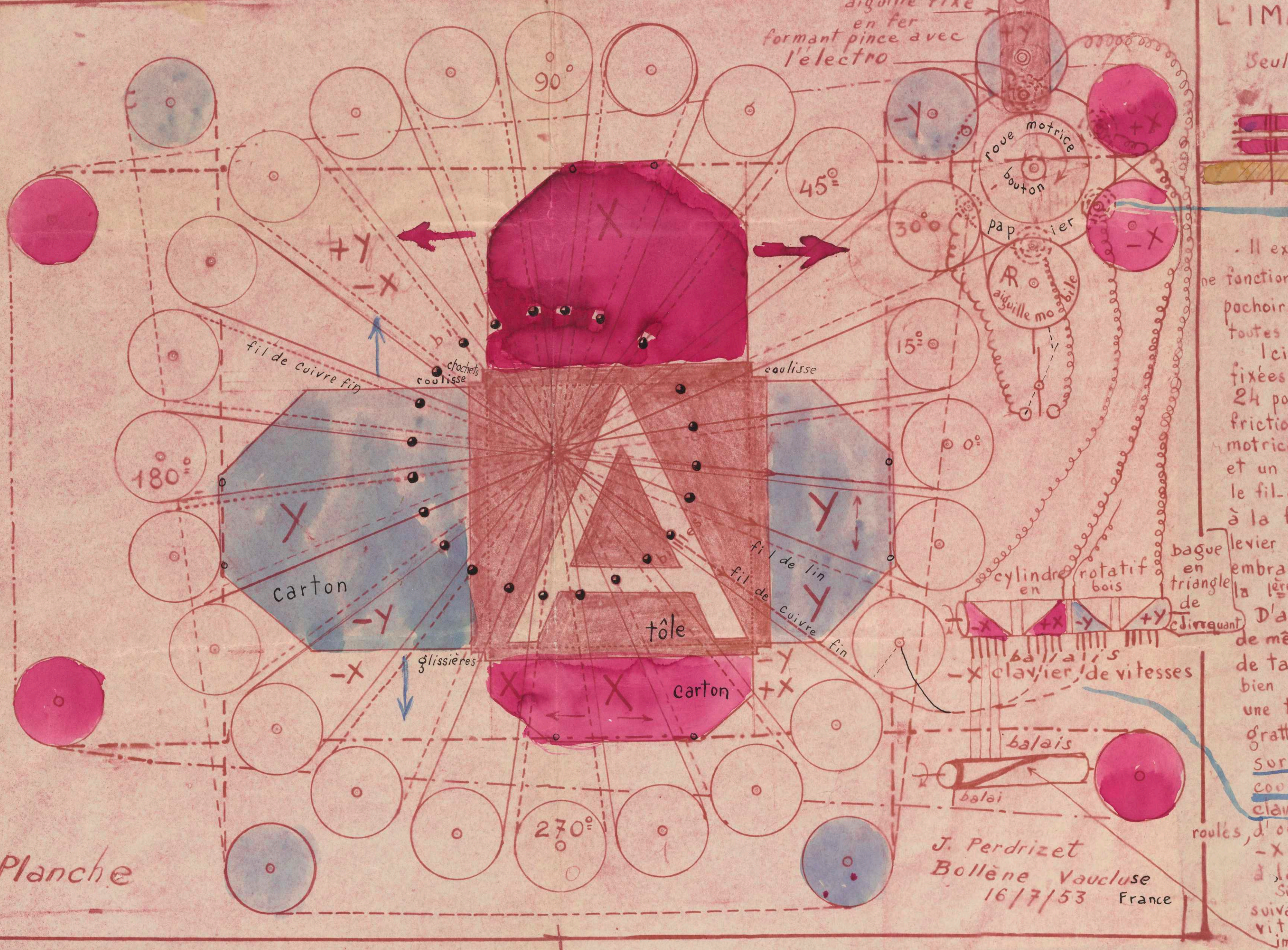
[ca 7-17-53]

Printed Imprimé

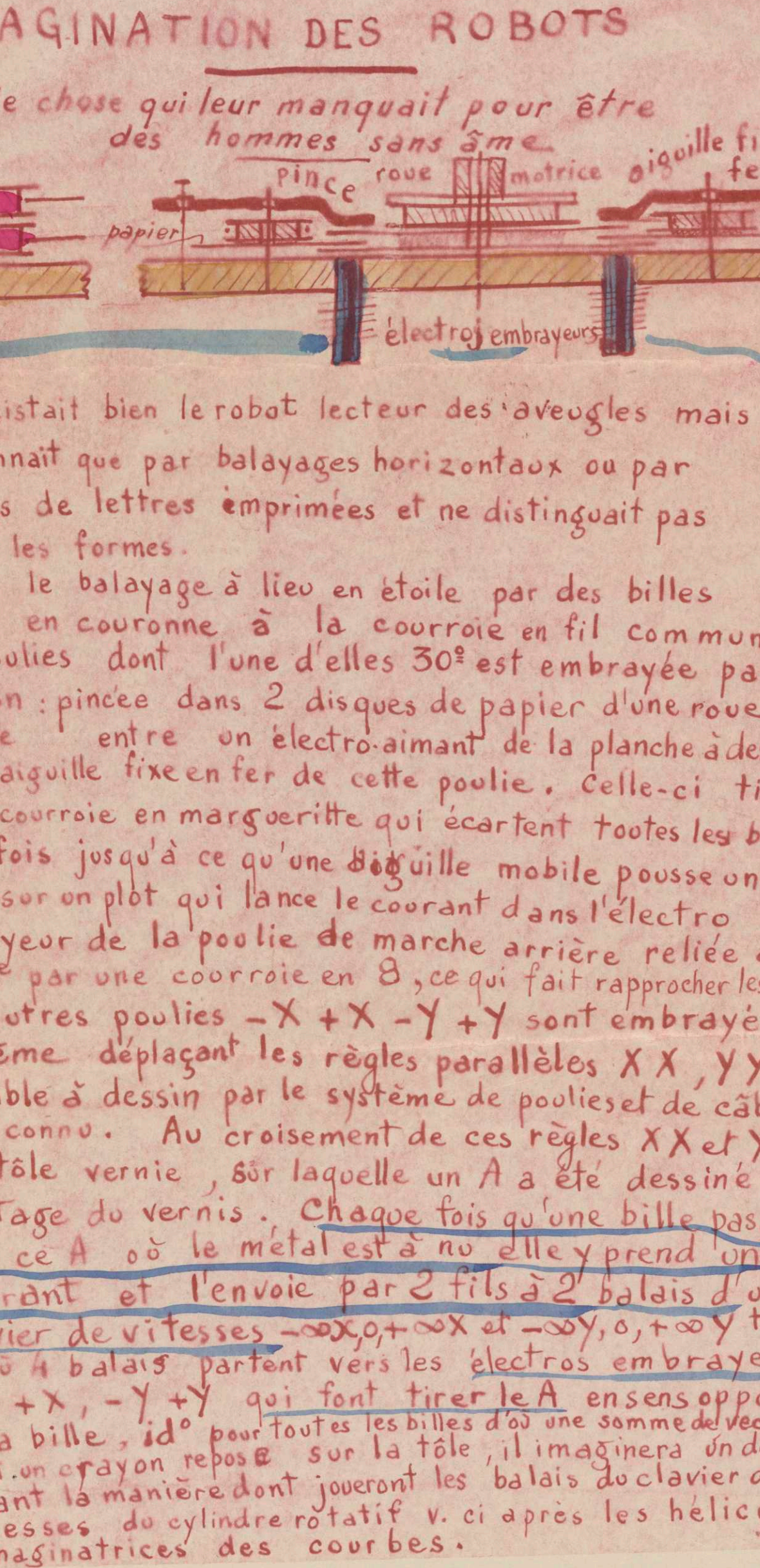


Mr Norbert Wiener
department of mathematics cybernetics
Massachusetts Institute of technology
Cambridge 39 Mass
 Massachusetts
 U.S.A.

Peu importe l'inertie la lenteur des pensées de ce robot



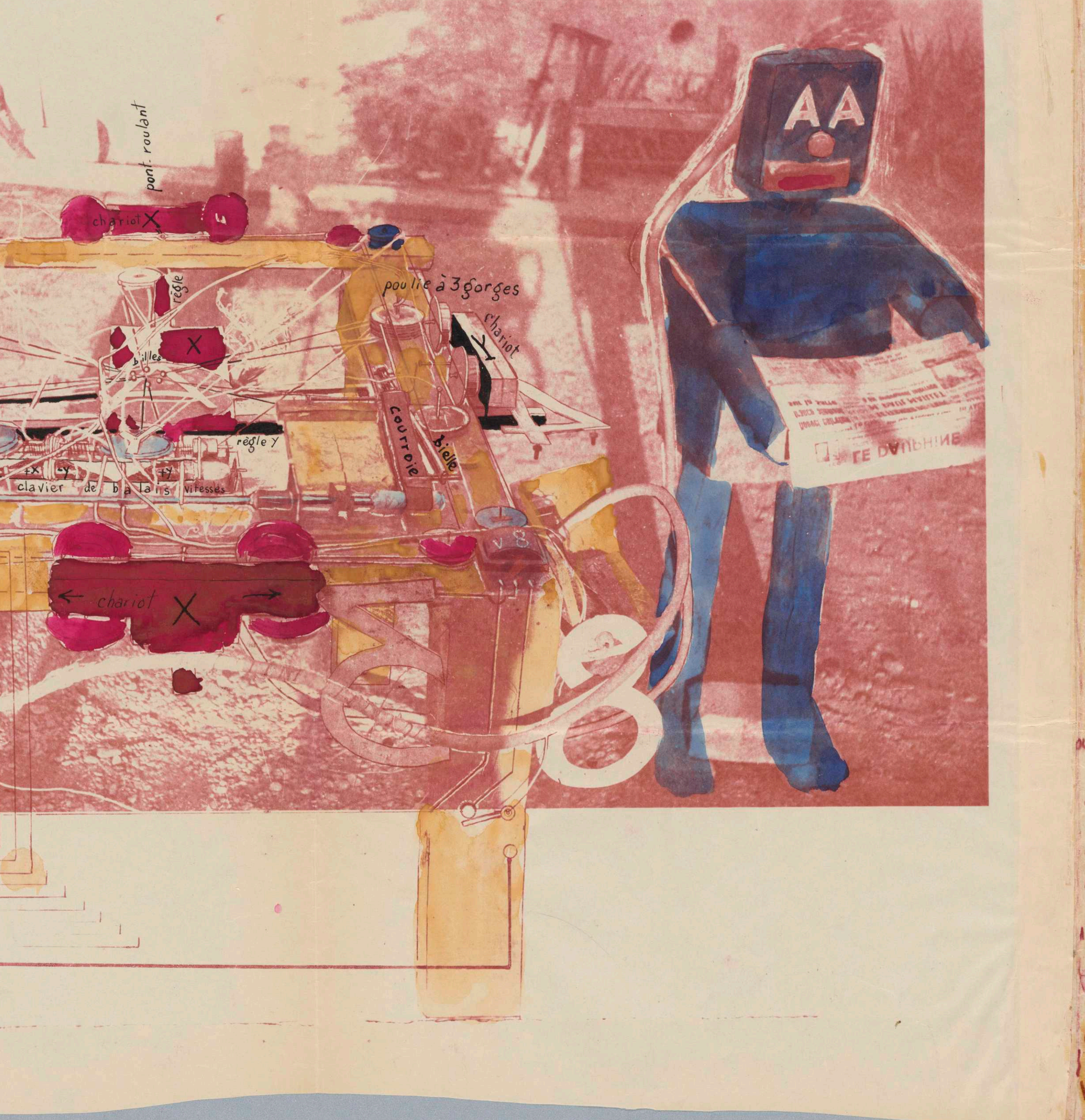
les cybernéticiens le rendront électronique



L'IMAGINATION DES ROBOTS

Seule chose qui leur manquait pour être des hommes sans âme... Il existait bien le robot lecteur des aveugles mais il ne fonctionnait que par balayages horizontaux ou par pochoirs de lettres imprimées et ne distinguait pas toutes les formes.

photo



ROBOT LECTEUR

Nouvel animal cybernétique. auto-reproducteur... L'exploration en parallèle de la télévision a donné le typophone des aveugles; L'exploration en étoile panoramique du radar rendra rapide: Ce robot qui lit le journal dans ses cortèges vise le A de DAUPHINÉ) d'où 2 A à la place de ses yeux.

CYBERNETIQUE (suite)

ETOILE EXPLORATRICE A COORDONNÉES LOGARITHMIQUES car l'attraction des intersections, avec le A diminue comme le carré de leur distance au centre de l'étoile

ATTAQUE D'UN DESSIN PAR L'ETOILE EXPLORATRICE

Coordonnées des intersections des branches de l'étoile avec le A d'où la marche BCDE 1cm à chaque fois dans la direction de la résultante de la somme algébrique des abscisses et des ordonnées.

SELECTEUR par ELIMINATION

CORTEX PERISTRIE Aire 19. Curseur barre à 5 ampères... verticiale oblique horizontale

TOURNIQUET HYDRAULIQUE ASCENDANT

Principe de la soucoupe volante hydraulique. En tournant les cloisons en S vont imprimer à l'eau une force centrifuge horizontale F contre le cône supérieur en cellophane; elle va se décomposer en une portance P. La remontée de l'eau par les tubes C n'empêche pas la montée de l'ensemble des tubes D ainsi qu'une expérience le montrera.

SOUCOPE VOLANTE HYDRAULIQUE

Coller ce papier sur un carton épais, découper les parties noires, les recoller sur un cône en carton recouvert d'un papier identique; recouvrir le tout de deux cônes identiques en cellophane dessus et dessous. Sauter les bords des bases de ces cônes en cellophane avec un fer à repasser. Pour cela les bords des cônes en cellophane de passent les trous du cône en carton.

CLAVIER croisées formées par une seule ficelle

Imagination des courbes. D'un côté notre ressource manuelle l'a en carré en cercle tout fait manuellement des arcs qui sont des fils horizontaux et des fils verticaux qui sont des fils verticaux et des fils diagonaux qui sont des fils diagonaux.

CLAVIER croisées formées par une seule ficelle

Imagination des courbes. D'un côté notre ressource manuelle l'a en carré en cercle tout fait manuellement des arcs qui sont des fils horizontaux et des fils verticaux qui sont des fils verticaux et des fils diagonaux qui sont des fils diagonaux.

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CLAVIER croisées formées par une seule ficelle

Imagination des courbes. D'un côté notre ressource manuelle l'a en carré en cercle tout fait manuellement des arcs qui sont des fils horizontaux et des fils verticaux qui sont des fils verticaux et des fils diagonaux qui sont des fils diagonaux.



EMBASSY OF INDIA
WASHINGTON, D. C.

F.43(135)/53

17th July, 1953

Dear Professor Wiener,

Kindly refer to your letter dated 8th July, 1953, addressed to the First Secretary at this Embassy. We are indeed glad to know that you have accepted the Indian Science Congress Association's invitation to visit India, and we shall be most happy to extend to you all possible help that you may require from us.

I would suggest that you obtain your American passport from the Department of State, Washington, D.C., and then mail same to me for endorsing a suitable Indian visa thereon. If your wife is accompanying you, her American passport should also be sent to this Embassy for an Indian visa. I am enclosing application blanks for visas which you may kindly complete and return to me at your convenience.

As soon as you let me know the approximate date of your departure from the U.S.A. for India, I shall be glad to arrange your transportation by air. I will appreciate if you kindly let me have this information well in advance, as it is difficult to obtain air passages at short notice.

Yours sincerely,

M. Rasgotra,
-Third Secretary-

MR:ya
Encl:

Professor Norbert Wiener,
Massachusetts Institute of Technology,
Department of Mathematics,
Cambridge, 39, Mass.

COPY

Embassy of India
Washington, D. C.
17th July, 1953

F.43(135)/53

Dear Professor Wiener,

Kindly refer to your letter dated 8th July, 1953, addressed to the First Secretary at this Embassy. We are indeed glad to know that you have accepted the Indian Science Congress Association's invitation to visit India, and we shall be most happy to extend to you all possible help that you may require from us.

I would suggest that you obtain your American passport from the Department of State, Washington, D. C., and then mail same to me for endorsing a suitable Indian visa thereon. If your wife is accompanying you, her American passport should also be sent to this Embassy for an Indian visa. I am enclosing application blanks for visas which you may kindly complete and return to me at your convenience.

As soon as you let me know the approximate date of your departure from the U. S. A. for India, I shall be glad to arrange your transportation by air. I will appreciate if you kindly let me have this information well in advance, as it is difficult to obtain air passages at short notice.

Yours sincerely,

MR:ya
Encl:

M. Rasgotra,
-Third Secretary-

Professor Norbert Wiener,
Massachusetts Institute of Technology,
Department of Mathematics,
Cambridge, 39, Mass.

204 Barrackpore Trunk Road,
Calcutta-35, India.

Camp: 8 King George Avenue,
New Delhi.
18 July 1953.

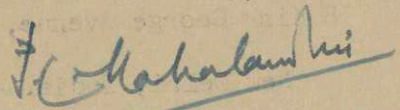
Dear Dr. Wiener,

I am glad to learn from your letter of July 7th that you have accepted the invitation of the Indian Science Congress Association. We shall be very glad if you will kindly spend some time in the Indian Statistical Institute in Calcutta to give a few lectures or to have some research seminars.

I am happy to learn that you intend to talk over with me the possibility of your coming to India for a longer stay later.

With kind regards,

Yours sincerely,



(P. C. Mahalanobis)

BY AIR MAIL

AIR LETTER

IF ANYTHING IS ENCLOSED
THIS LETTER WILL BE SENT
BY ORDINARY MAIL.

Under Certificate of Posting

Dr. Norbert Wiener,
~~Department of Mathematics,~~
~~Massachusetts Institute of Technology,~~
~~Cambridge 39, Mass.~~
~~U.S.A.~~

South Tamworth
New Hampshire

Conn - 66

Third fold here

First fold here

Sender's name and address:—

Professor P. C. Mahalanobis, F.R.S.,

8 King George Avenue,

New Delhi, India.

15 July 1950.
8 King George Avenue,
New Delhi,
Delhi-35, India.

Dear Dr. Wiener,
I am glad to learn from your letter of July 25th
concerning the invitation of the Indian Statistical
Association to hold the 11th session of the
International Statistical Institute in the Indian
Statistical Institute in the Indian Statistical Institute
in Bombay in 1951. I am glad to hear that
you have accepted the invitation. I am glad to
hear that you have accepted the invitation. I am
glad to hear that you have accepted the invitation.

103 North Dallas Ave.
Pittsburgh 8, Pa.
July 18, 1953

Dr. Norbert Wiener
53 Cedar Road
Belmont
Massachusetts

Dear Sir:

I am sending you a paper, entitled, *On the Origin of the Arabic Numerals*. The suggestions in the paper may interest you, since according to the theory presented these number symbols as well as many others are the products of early calculating machines and show the imprint of these machines.

If you are not interested, please give the paper to someone else who also has an interest in mathematics or in its history.

Respectfully

W. Clyde Richey



INDIAN SCIENCE CONGRESS ASSOCIATION

1, PARK STREET, CALCUTTA - 16.

TELEGRAMS
SCICONG : CALCUTTA

TELEPHONE
CITY 2113

General Secretaries :
Dr. U. P. BASU, D.S.C., P.R.S., F.N.I.,

Dr. B. N. FRASAD, D.Sc. (Paris), Ph.D.
(Liverpool), M.Sc. F.N.I.

President :
Dr. S. L. HORA, D.S.C., F.R.S.E., C.M.Z.S.,
M.I.Biol., F.A.S., F.Z.S.I., F.N.I.

Past President :
Dr. D. M. BOSE, M.A., Ph.D. F.N.I.

Treasurer :
Prof. P. C. MAHALANOBIS, F.R.S.

Our Reference. 996/60/53-54.

....20th July,.....1953

Dear Professor Wiener,

With reference to your letter dated the 7th July, 1953, we are happy to know that in spite of your engagements you have so kindly accepted our invitation to attend the 41st Session of the Indian Science Congress Association to be held at Hyderabad-Dn. from 2nd to 8th January, 1954.

We shall be glad if you kindly indicate the subject or subjects of your discourse and the centres of learning and research in India that you yourself may be interested to visit so that a tentative programme may be drawn up by us in advance.

Further, we would be highly obliged if typed copies of your discourse are sent to this office for publication. This I am requesting you as those members who fail to join the Session may also have an opportunity to go through your learned and valuable contribution.

With best wishes,

Yours sincerely,

U. P. Basu

(U.P. Basu)
General Secretary.

Professor Norbert Wiener, F.R.S.,
Dept. of Mathematics,
Massachusetts Institute of Technology,
Cambridge, Massachusetts,
U.K.

*American Association
for the Advancement of Science*

Telephone ADams 4-7111
Cable Address—Advancesci

1515 MASSACHUSETTS AVENUE, N. W.
WASHINGTON 5, D. C.

July 21, 1953

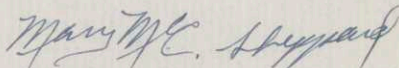
Dr. Norbert Wiener
Department of Mathematics
Massachusetts Institute
of Technology
Cambridge 39, Massachusetts

Dear Dr. Wiener:

Our office is in receipt of a copy of "La Pensee Artificielle, Introduction a la Cybernetique," by Pierre De Latil. We would like to send this book to you for evaluation. If you decide that it is worthy of review, we would appreciate it if you will review it for the Scientific Monthly. If you find it impossible to do the review, could you recommend a competent person?

We will appreciate your reply on the enclosed card. If you will appraise the book for us, and so advise, it will be mailed to you at once.

Sincerely yours,



Mary McC. Sheppard
Book Review Section

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL ENGINEERING
DIGITAL COMPUTER LABORATORY
211 MASSACHUSETTS AVENUE
CAMBRIDGE 39, MASSACHUSETTS

GORDON S. BROWN, FACULTY ADVISOR
JAY W. FORRESTER, DIRECTOR
ROBERT R. EVERETT, ASSOCIATE DIRECTOR
HARRIS FAHNESTOCK, EXECUTIVE OFFICER

TELEPHONE ELIOT 4-3311
D. I. C. - 6345

Professor Norbert Wiener
South Tamworth, New Hampshire

22 July 1953

Dear Professor Wiener:

I would like to apologize for interrupting your vacation yesterday morning. Enclosed please find a copy of the title and abstract for your talk as it will appear in the program unless we receive instructions from you to the contrary.

As Professor Morse may have told you, the meeting of the Association for Computing Machinery will be held at MIT on Wednesday, Thursday and Friday, September 9, 10 and 11, 1953. We are programming the "special guest" speakers for Thursday afternoon, September 10, 1953. These talks will run from 2:00PM to 4:00PM. There will be short talks by Professor Morse, Dr. S. B. Williams (president of the Association for Computing Machinery), and J.W. Forrester. We expect that our featured talk, to be delivered by you, will begin at 3:00 PM.

We are planning to have a cocktail party at the Faculty Club at 5:00 PM on Thursday. We would be very pleased if you would be our guest at this party.

Thank you again for your cooperation.

Sincerely yours,

Jack D. Porter

Jack D. Porter

Enc.
JDP:mmm

TITLE AND NUMBER Special Problems in Mathematics (Mathematics for Modern
 OF COURSE Engineering) XL 199 No meetings: Nov. 23; Dec. 21, 28;
 TEACHER'S NAME Mr. Norbert Wiener (and others) Jan. 4; Feb. 22
 AND ADDRESS Mass. Institute of Technology, Cambridge, Mass.
 MEETING
 PLACE 2250 Chem. (Campus)

TIME DAY Monday
 HOUR 7-9:30 p.m.
 Lecture: Oct. 19, 1953

BEGINS Oct. 19, 1953 SPECIAL RATE
 OF
 ENDS Mar. 29, 1954 COMPENSATION \$75.00

19 MEETINGS OF 2½ HOURS

1. Special approval of the Head, Class Department is necessary to continue classes with less than fifteen students.
2. The rate of compensation indicated is the reasonable value, or normal price per hour.
3. Final payment is made only for those students for whom the teacher submits enrollment cards.
4. In order to be placed on the monthly payroll a Teacher's Report of Meetings held must be submitted by the 25th day of the month.
5. A teacher on monthly payroll may expect a check by the tenth of the month, covering his services for the previous month.
6. The minimum hourly rate of compensation will be paid for the first meeting of any class discontinued for insufficient enrollment on submission of the Teacher's Report of Meetings.
7. Please mail duplicate copy to University Extension, University of California, Los Angeles 24, California.
8. Please direct any questions regarding compensation to George M. Jamieson, Jr., Associate Business Manager, University Extension, University of California, 10 Administration Building, Los Angeles 24, California.

Recommended by:

MARGARET WOTTON

Head, Class Department (Southern Area)

Date..... 10-8-53 Attest..... a

NOTICE OF ORGANIZATION OF CLASS

UNIVERSITY EXTENSION

UNIVERSITY OF CALIFORNIA

TITLE AND NUMBER

AND ADDRESS

MEETING

PLACE

2250 Central (Library)

SPECIAL RATE

REGIME OCT. 19, 1953 OR

COMPENSATION

\$75.00

TIME DAY

HOUR

7-9:30 P.M.

Monday

LECTURE: Oct. 19, 1953

Upon the favorable recommendation of the major department and the approval of the Graduate Council, this course may be accepted toward the unit requirement for a master's degree.

19

MEETINGS OR 57

HOURS

ENDS

REL. 29, 1954

OR

19, 1953

OF

75.00

1. Special approval of the Head, Class Department is necessary to continue class with less than fifteen students.

2. The rate of compensation indicated is the reasonable value or normal price per hour.

3. Final payment is made only for those students for whom the teacher submits enrollment cards.

4. In order to be placed on the monthly payroll a Teacher's Report of Meetings held may be submitted by the 25th day of the month.

5. A teacher on monthly payroll may expect a check by the end of the month, covering his services for the previous month.

6. The minimum hourly rate of compensation will be paid for the first meeting of any class discontinued for insubstantial enrollment on submission of the Teacher's Report of Meetings.

7. Please mail duplicate copy to University Extension, University of California, Los Angeles 24, California.

8. Please direct any questions regarding compensation to George M. Jamison, Jr., Associate Business Manager, University Extension, University of California, 10 Administration Building, Los Angeles 24, California.

Recommended by:

MARGARET WOTTON

Head, Class Department (Southern Area)

Date

NOTICE OF ORGANIZATION OF CLASS

UNIVERSITY OF CALIFORNIA

UNIVERSITY EXTENSION

TITLE AND NUMBER	Special Problems in Mathematics (Mathematics for Modern				
OF COURSE	Engineering) XL 199	No meetings:	Nov. 24; Dec. 22, 29;		
TEACHER'S NAME	Mr. Norbert Wiener (and others)		Jan. 5; Feb. 23		
AND ADDRESS	Mass. Institute of Technology, Cambridge, Mass.				
MEETING PLACE	Auditorium, N.B.S., Corona			DAY	Tuesday
				TIME	7-9:30 p.m.
					Lecture: Oct. 20, 1953
		BEGINS	Oct. 20, 1953	SPECIAL RATE	
		OF			
19 MEETINGS OF	2½ HOURS	ENDS	Mar. 30, 1954	COMPENSATION	\$75.00

1. Special approval of the Head, Class Department is necessary to continue classes with less than fifteen students.
2. The rate of compensation indicated is the reasonable value, or normal price per hour.
3. Final payment is made only for those students for whom the teacher submits enrollment cards.
4. In order to be placed on the monthly payroll a Teacher's Report of Meetings held must be submitted by the 25th day of the month.
5. A teacher on monthly payroll may expect a check by the tenth of the month, covering his services for the previous month.
6. The minimum hourly rate of compensation will be paid for the first meeting of any class discontinued for insufficient enrollment on submission of the Teacher's Report of Meetings.
7. Please mail duplicate copy to University Extension, University of California, Los Angeles 24, California.
8. Please direct any questions regarding compensation to George M. Jamieson, Jr., Associate Business Manager, University Extension, University of California, 10 Administration Building, Los Angeles 24, California.

Recommended by:
MARGARET WOTTON
Head, Class Department (Southern Area)

Date..... 10-8-53 Attest..... a

NOTICE OF ORGANIZATION OF CLASS

UNIVERSITY EXTENSION

UNIVERSITY OF CALIFORNIA

Upon the favorable recommendation of the major department and the approval of the Graduate Council, this course may be accepted toward the unit requirement for a master's degree.

LECTURES: 65¢. 20, 1953
 TIME HOUR 7-9:30 P.M.
 DAY Thursday

SPECIAL RATE

19 MEETINGS OF 2 1/2 HOURS EACH MAY 30, 1954 COMPENSATION \$75.00
 BEGIN Oct. 2, 1953 OF

1. Special approval of the Head, Class Department is necessary to conduct classes with less than fifteen students.
2. The rate of compensation indicated is the reasonable value of normal price per hour.
3. Final payment is made only for those students for whom the teacher submits enrollment cards.
4. In order to be placed on the monthly payroll a Teacher's Report of Meetings held must be submitted by the 15th day of the month.
5. A teacher on monthly payroll may expect a check by the tenth of the month, covering his services for the previous month.
6. The minimum hourly rate of compensation will be paid for the first meeting of any new department for teaching enrollment as set in the Teacher's Report of Meetings.
7. Please mail duplicate copy to University Extension, University of California, Los Angeles 34, California.
8. Please direct any questions regarding compensation to George M. Johnson, Jr., Associate Business Manager, University Extension, University of California, 10 Administration Building, Los Angeles 34, California.

Recommended by:
 MARGARET WOTTON
 Head, Class Department (Southern Area)

Date _____

NOTICE OF ORGANIZATION OF CLASS

UNIVERSITY OF CALIFORNIA

UNIVERSITY EXTENSION

TITLE AND NUMBER	Mathematics for Modern Engineering 899AB				
OF COURSE				(over)	
TEACHER'S NAME	Mr. Norbert Wiener (and others)				
AND ADDRESS	Mass. Institute of Technology, Cambridge, Mass.				
MEETING PLACE	2067 Michelson Lab.,	China Lake			
			SPECIAL RATE	DAY	Wednesday
				HOUR	2-4:30 p.m.
				Lecture:	Oct. 21, 1953
10	MEETINGS OF	2½	HOURS	BEGINS	Oct. 21, 1953
				ENDS	Mar. 24, 1954
				OF	
				COMPENSATION	\$75.00

1. Special approval of the Head, Class Department is necessary to continue classes with less than fifteen students.
2. The rate of compensation indicated is the reasonable value, or normal price per hour.
3. Final payment is made only for those students for whom the teacher submits enrollment cards.
4. In order to be placed on the monthly payroll a Teacher's Report of Meetings held must be submitted by the 25th day of the month.
5. A teacher on monthly payroll may expect a check by the tenth of the month, covering his services for the previous month.
6. The minimum hourly rate of compensation will be paid for the first meeting of any class discontinued for insufficient enrollment on submission of the Teacher's Report of Meetings.
7. Please mail duplicate copy to University Extension, University of California, Los Angeles 24, California.
8. Please direct any questions regarding compensation to George M. Jamieson, Jr., Associate Business Manager, University Extension, University of California, 10 Administration Building, Los Angeles 24, California.

Recommended by:

MARGARET WOTTON

Head, Class Department (Southern Area)

Date..... 10-8-53 Attest..... a

NOTICE OF ORGANIZATION OF CLASS

UNIVERSITY EXTENSION

UNIVERSITY OF CALIFORNIA

UNIVERSITY EXTENSION

UNIVERSITY OF CALIFORNIA

NOTICE OF ORGANIZATION OF CLASS

Date: _____

Recommended by:
MARGARET WOTTON
Head, Class Department (Southern Area)

1. Please direct any questions regarding cooperation to George M. Jamison, Jr., Associate Business Manager, University Extension, University of California, 10 Administration Building, Los Angeles 24, California.
2. Please mail duplicate copy to University Extension, University of California, Los Angeles 24, California.
3. The minimum hourly rate of compensation will be paid for the first meeting of any class determined for institution enrollment on subscription basis.
4. A teacher on monthly payroll may expect a check by the tenth of the month, covering his services for the previous month.
5. In order to be placed on the monthly payroll a Teacher's Report of Meetings field must be submitted by the 25th day of the month.
6. Final payment is made only for those students for whom the teacher submits enrollment cards.
7. The rate of compensation indicated is the reasonable value or normal price per hour.
8. Special approval of the Head, Class Department is necessary to combine classes with less than fifteen students.

MEETINGS OF 2 1/2 HOURS WEDS MAR. 21, 1954 - COMPENSATION \$75.00

TERMS Oct. 21, 1953 OR

VEHICLE RATE

Lectures: Oct. 21, 1953
TIME HOUR 2-4:30 p.m.
DAY Wednesday

TITLE AND NUMBER
TEACHER'S NAME
AND ADDRESS
MEETING PLACE

3057 Michelson Lab., China Lake

Mass. Institute of Technology, Cambridge, Mass.

Mr. Norbert Wiener (and others)

Meetings: Oct. 21; Nov. 4, 18; Dec. 2; Jan. 13, 20, 27; Mar. 3, 17, 24.

Mathematics for Modern Engineers 8787B

TITLE AND NUMBER	Mathematics for Modern Engineering 899ABC	No meetings:	Nov. 26; Dec. 24, 31;
OF COURSE			Jan. 7; Feb. 25
TEACHER'S NAME	Mr. Norbert Wiener (and others)		
AND ADDRESS	Mass. Institute of Technology, Cambridge, Mass.		
MEETING		TIME	DAY Thursday
PLACE	159 Forestry Bldg., Berkeley	HOUR	7-9:30 p.m.
		SPECIAL RATE	Lecture: Oct. 22, 1953
	BEGINS Oct. 22, 1953	OF	
19 MEETINGS OF 2½ HOURS	ENDS Apr. 1, 1954	COMPENSATION	\$75.00

1. Special approval of the Head, Class Department is necessary to continue classes with less than fifteen students.
2. The rate of compensation indicated is the reasonable value, or normal price per hour.
3. Final payment is made only for those students for whom the teacher submits enrollment cards.
4. In order to be placed on the monthly payroll a Teacher's Report of Meetings held must be submitted by the 25th day of the month.
5. A teacher on monthly payroll may expect a check by the tenth of the month, covering his services for the previous month.
6. The minimum hourly rate of compensation will be paid for the first meeting of any class discontinued for insufficient enrollment on submission of the Teacher's Report of Meetings.
7. Please mail duplicate copy to University Extension, University of California, Los Angeles 24, California.
8. Please direct any questions regarding compensation to George M. Jamieson, Jr., Associate Business Manager, University Extension, University of California, 10 Administration Building, Los Angeles 24, California.

Recommended by:

MARGARET WOTTON

Head, Class Department (Southern Area)

Date..... 10-8-53 Attest..... a

NOTICE OF ORGANIZATION OF CLASS

UNIVERSITY EXTENSION

UNIVERSITY OF CALIFORNIA

JUL 27 '53

23 July 1953 201

Gift & Exchange Library
Massachusetts Inst. of Technology

1-5K

Gentlemen:

I am interested in obtaining copies
of three reports which originated at M.I.T.
They are as follows:

- 1. Wiener - Future of Automatic Machinery - 1952
Diana Belanger 3431 - doesn't have
 - 2. Chu and Gould - Analysis for Hydraulic
& Electric Drives in Servo Mechanisms
 - 3. ~~A Numerically Controlled Milling Machine -
Servo Mechanisms Laboratory~~
- ep 198*
in my
act box
B
sent →
- Final Report on construction & initial operation of a summer...*
1-75 549.8

Is it possible to obtain copies of any
of these, and especially # 1, from you? If
not, could you possibly inform me as to
how I could obtain some. Thank you.

MR. PHILIP STEINER
1520-20 WEST 6TH AVE.
COLUMBUS 12, OHIO

Philip Steiner
Major USAF

South Tamworth
New Hampshire

July 24, 1953

Mr. Raymond N. Auger
562 West 113th Street
New York 25, New York

My dear Mr. Auger:

While I may look over your paper, what you are asking for is essentially a piece of engineering consultation and I am not prepared to undertake such work at present, or indeed, in the future, except on a professional basis.

Sincerely yours,

Norbert Wiener

NW:jc

South Tamworth
New Hampshire

July 24, 1953

Mr. John J. Ballentine
The Laconia Evening Citizen
18 Beacon Street
Laconia, New Hampshire

Dear Mr. Ballentine:

At present I am up to my neck in writing a new book by dictation at a rate from ten to sixteen pages a day. Under these circumstances, I don't want to load myself down with any more literary duties, and furthermore, I don't want to stick my neck out until I am good and ready, and I have found the right circumstances under which to do it effectively. I appreciate your courtesy and interest in writing me, but I think you will understand my situation.

Sincerely,

Norbert Wiener

NW:jc

South Tamworth
New Hampshire

July 24, 1953

Dr. L. D. Berryman - Optometrist
Buhl Optical Company
12 Broad Street S. W.
Atlanta, Georgia

Dear Dr. Berryman:

While I do not know the subject too well directly, I am quite convinced that severed optic nerve ends very soon degenerate and are unable to carry electric stimulation. Even if this were not the case, the problem of disentangling the compact, close sections of the individual fibers into something like a retina which could receive distinguishable local impulses is, at present, utterly forbidding and I believe hopeless. I am afraid that access to the brain of the blind must be obtained through other senses and must always suffer from their very coarse texture as compared with the retina. Perhaps this may not always be the case, but the discoveries which permit more than a very crude prosthesis of vision have not yet been made.

Sincerely yours,

Norbert Wiener

HW:jc

South Tamworth
New Hampshire
July 24, 1953

Miss Ruth Goodwin
Massachusetts Institute of Technology
Cambridge 39, Massachusetts

Dear Miss Goodwin:

Somewhere in my files you will find some passport photographs of me. Could you forward them or a reasonable selection among them up to my country address as I need them in connection with my various trips and lectures. If I should be mistaken and these photographs do not actually exist, I am certain that their negative is on file at the photographic office and that you would have no trouble in getting a dozen copies made. Of course the photographs must be as recent as possible, and must be of passport size and otherwise conformable to passport regulations.

I am sorry to load you down again in vacation time, but your help really would be most welcome.

Sincerely yours,

Norbert Wiener

NW:jc

South Tamworth
New Hampshire

July 24, 1953

Mrs. Marion Hunt
Publicity Director
Little, Brown & Company, Publishers
34 Beacon Street
Boston 6, Massachusetts

Dear Mrs. Hunt:

I have just finished a very busy academic year and I am going on to an even busier summer of literary work, therefore, even at this late date I have not yet read Vercors' novel. I am sure you realize that the sending of unsolicited books in order to obtain an opinion about them is a risky business at best, and that you must expect a good proportion of blanks. If I find the time I may still send you a comment, but don't count on it.

Sincerely yours,

Norbert Wiener

NW:jc

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CAMBRIDGE 39, MASS.

DEPARTMENT OF MATHEMATICS

South Tamworth
New Hampshire

July 24, 1953

not to be sent (Iron-Curtain)

F. Kajtor, M. D.
Department of Neuropsychiatry
University Medical School
Debrecen 12, Hungary

Dear Dr. Kajtor:

You can obtain a copy of my book on Cybernetics from Hermann and Cie., 6 Rue de la Sorbonne in Paris. You will see that it is manifestly impossible for me to send copies of my book to all the people who show interest in it.

Sincerely yours,

Norbert Wiener

NW:jc

THIS SIDE OF CARD IS FOR ADDRESS



Mrs. Mary McC. Sheppard
Book Review Section
The Scientific Monthly
1515 Massachusetts Av.e, N.W.
Washington 5, D.C.

THE SCIENTIFIC MONTHLY
1515 MASSACHUSETTS AVENUE, N. W. • WASHINGTON 5, D. C.

La Pensee Artificielle

Dr. Norbert Wiener

South Tamworth
New Hampshire

July 24, 1953

Iron Curtain not sent

F. Kajtor, M. D.
Department of Neuropsychiatry
University Medical School
Debrecen 12, Hungary

Dear Dr. Kajtor:

You can obtain a copy of my book on Cybernetics from Hermann and Cie., 6 Rue de la Sorbonne in Paris. You will see that it is manifestly impossible for me to send copies of my book to all the people who show interest in it.

Sincerely yours,

Norbert Wiener

NW:jc

South Tamworth
New Hampshire

July 24, 1953

Mr. Viggo Victor Kutschera,
1037 West 7-th Ave.,
Vancouver 9, B. C., Canada.

Dear Mr. Kutschera:

Your letter concerning Paley could not come at a more opportune time, since I am now writing my biography and have just been concerned with the passages dealing with Paley. First, he was not from Balliol and St. Mary's, but from Trinity at Cambridge. He was not a professor but a fellow of his college. As to the inevitability of his getting killed, that was a foregone conclusion from his whole attitude to sport and to danger.

I'm sorry to say that your memory of meeting me is mistaken, for I did not go out to the funeral. As to biographical material concerning Paley, I myself wrote a note for the proceedings of the American Mathematical Society, which I do not have at hand here, as I am up in the country rather than in my office at M. I. T. Probably the best thing for you to do, to get other material, is to write to Professor J. R. Littlewood at Trinity College, Cambridge, England, or to Miss Cartwright, Mistress of Girton, also at the English Cambridge. I am sure they can give you all that you wish.

By the way, I am in the Mathematics Department, and there is no Department of Cybernetics at M. I. T. I am very much interested in your letter, and hope that sooner or later I may have a chance to talk with you. As soon as I have made complete use of the manuscript I have already been preparing I shall see that you get a copy of those passages concerning Paley.

Sincerely yours,

Norbert Wiener

NW:jc

[and 7/30/53]

July 24, 1953

South Tamworth
New Hampshire

Mrs. Lillian R. Lieber
Long Island University
385 Flatbush Avenue Extension
Brooklyn 1, New York

Dear Mrs. Lieber:

Many thanks for your two books. I have seen a good deal of your previous work, and I think you have been a great help in popularizing mathematics. I am afraid, however, that as far both as mathematical and artistic style go, I am a bit of a conservative and I hope to have the opportunity some time in the future of taking issue with you in a personal discussion.

Sincerely yours,

Norbert Wiener

NW:jc

[ms 8/3/53]

South Tamworth
New Hampshire

July 24, 1953

Miss Mildred J. Loomis, Dean
School of Living
Lane's End Homestead,
Brookville, Ohio

My dear Miss Loomis:

My lecture and consultation schedule is practically complete for the next academic year, and I regret that I cannot take any more work on.

Sincerely yours,

Norbert Wiener

NW:jc

South Tamworth
New Hampshire

July 24, 1953

Mr. Robert M. MacGregor
Managing Director
New Directions
Norfolk, Connecticut

Dear Mr. MacGregor:

Many thanks for the copy of the poems of Dylan Thomas. He seems to have a very considerable force and fertility, but to me these qualities are marred by the somewhat heavy and conventional way (for even a new and original convention may be a convention) which he has of applying his epithets as if he were buttering a piece of bread. In other words, I feel that a richness of insight on his part is combined with a mechanical method of using this insight which generally does not come off. I am sorry to give you this opinion, but this is my opinion and you have asked for it.

Sincerely yours,

Norbert Wiener

NW:jo

South Tamworth
New Hampshire
July 24, 1953

Mr. Ladd MacMillan
Head of Mathematics Department
Hebron Academy
Hebron, Maine

Dear Mr. MacMillan:

I am cutting my lecture schedule to the bone and in particular about the date that you name, which will be just after my return from a gruelling lecture trip to India, for which I shall need many weeks to recuperate. So I regret I will be unable to accept your kind invitation to talk to Hebron on the One Hundred and Fiftieth Anniversary of its founding.

Sincerely yours,

Norbert Wiener

NW:jc

[ans 7/27/53]

South Tamworth
New Hampshire
July 24, 1953

Dr. Paul *Oppenheim*
1265 Plass Street
Topeka, Kansas

Dear Dr.

Many thanks for your letter of July 3. I have just seen Dr. Murphy of the Veterans' Hospital in Topeka who is a summer neighbor of mine. As to the subjective content of your letter, I shall look it over later, but at present I am so busy with a new book and I am so much under the necessity to spend the rest of my time in vacationing and getting ready for a new year that I am afraid it will be a long time before I answer you.

Sincerely yours,

Norbert Wiener

NW:jc

South Tamworth
New Hampshire

July 24, 1953

Mr. Neil W. O'Rourke
209 Speedwell Avenue
Morristown, New Jersey

Dear Mr. O'Rourke:

At present I am much too occupied with my own writing to read anything more than a fraction of the many original papers with which I am showered. However, yours looks interesting, and I shall try to have a look at it later.

Sincerely yours,

Norbert Wiener

NW:jc

[ans 7/27/53]

South Tamworth
New Hampshire
July 24, 1953

The Passport Officer
Department of State of the United States of America
Washington, D. C.

Dear Sir:

I believe I had correspondence with you before about the possibility of going to India and securing a passport for the trip. I now enclose an expired passport for my trip to Paris in 1950-1951 as a Fulbright professor at the Collège de France, as well as two letters from the Embassy of India in Washington inviting me to make the trip to India and suggesting how arrangements may be made. I am proposing to leave the United States some time in December 1953 and to be back early in February 1954 in time to take up my second term's teaching in the Massachusetts Institute of Technology. I shall go alone, leaving and returning by air. As it may be professionally desirable for me to meet my friends and colleagues in Europe and in particular to renew the contacts which I made on the occasion of my Fulbright professorship, I should appreciate the greatest latitude of countries to be visited which you may be able to extend to me, but I do not expect that except for the trip itself, I shall spend more than a couple of days in Europe, either in Dublin, where I should like to see Professor Schrödinger of the Irish Institute for Advanced Studies, or in London where I have a host of old friends with whom I should like to talk over scientific matters, or in Paris where it would be interesting for me to see how the Cercle Cybernétique is going, which is founded on my ideas and researches. I don't know whether I shall visit Pakistan for more than airplane transit, but it would be agreeable if there were no impediment for the trip. It is also possible, though not particularly likely that I might wish to return to the United States around the world, if, as I suspect, the cost of airplane transport is not very different. However, the one really essential part of the trip is the visit to India itself.

Respectfully yours,

Norbert Wiener

NW:jc

Enclosures 3

South Tamworth
New Hampshire
July 24, 1953

The Passport Officer
Department of State of the United States of America
Washington, D. C.

Dear Sir:

I believe I had correspondence with you before about the possibility of going to India and securing a passport for the trip. I now enclose an expired passport for my trip to Paris in 1950-1951 as a Fulbright professor at the Collège de France, as well as two letters from the Embassy of India in Washington inviting me to make the trip to India and suggesting how arrangements may be made. I am proposing to leave the United States some time in December 1953 and to be back early in February 1954 in time to take up my second term's teaching in the Massachusetts Institute of Technology. I shall go alone, leaving and returning by air. As it may be professionally desirable for me to meet my friends and colleagues in Europe and in particular to renew the contacts which I made on the occasion of my Fulbright professorship, I should appreciate the greatest latitude of countries to be visited which you may be able to extend to me, but I do not expect that except for the trip itself, I shall spend more than a couple of days in Europe, either in Dublin, where I should like to see Professor Schrödinger of the Irish Institute for Advanced Studies, or in London where I have a host of old friends with whom I should like to talk over scientific matters, or in Paris where it would be interesting for me to see how the Cercle Cybernétique is going, which is founded on my ideas and researches. I don't know whether I shall visit Palkhistan for more than airplane transit, but it would be agreeable if there were no impediment for the trip. It is also possible, though not particularly likely that I might wish to return to the United States around the world, if, as I suspect, the cost of airplane transport is not very different. However, the one really essential part of the trip is the visit to India itself.

Respectfully yours,

Norbert Wiener

NW:jc

Enclosures 2

South Tamworth
New Hampshire

July 24, 1953

Dr. Joseph W. Still
The George Washington University School of Medicine
1335 H Street
Washington 5, D. C.

Dear Dr. Still:

At present I am much too occupeid with my own writing to read anything more than a fraction of the many original papers with which I am showered. However, yours looks interesting, and I shall try to have a look at it later.

Sincerely yours,

Norbert Wiener

NW:jc

South Tamworth
New Hampshire
July 24, 1953

Professor M. S. Sundaram
Education Department
Embassy of India
2107 Massachusetts Avenue N. W.
Washington, D. C.

Dear Dr. Sundaram:

I have sent in my application for a United States passport for my trip to India, and I am filling in the Indian Visa Application Form. As soon as my passport comes, I shall send it to you for the visa. As to my trip to India: I shall be free to leave the United States after the beginning of the Christmas holidays on the fifteenth of December, and I wish to be back in Cambridge, Massachusetts by the second of February, the beginning of the second term at M. I. T. These dates include, indeed, more than the four weeks you have requested of me; but even they might be stretched a day or two at either end in case of emergency. Please go ahead, therefore, with the preparations for my stay in India.

T There is one request which I should like to make and should like to have you relay to my hosts in India. It is this: that although I am in quite good enough health to fulfill the normal duties of my trip, I am quite tired and show the strain of many years hard work. Therefore, apart from meeting my scientific colleagues and their students, I should like the official receptions and the formal part of the trip to be cut to the bone, and in particular, I cannot undertake the trip unless I have about one day in each week to myself, and unless I have a good three hours each day for rest apart from my hours of sleep. I have heard that Indian trips can be very exacting on the lecturers and I can well understand why this may be the case, through a perfectly legitimate desire to get the most out of someone who is there, after all, for only a brief stay. But I cannot afford to make the trip one which will cause serious inroads on my health.

Respectfully yours,

Norbert Wiener

Professor M. S. Sundaram

- 2 -

July 24, 1953

P. S. I am holding the visa application forms and the forms of application to be filled in until I receive my passport from the United States State Department, I have already sent in the request of an issuance of another.

N. W.

MW/jc

P. S. I am holding the visa application forms and the forms of application to be filled in, until I receive my passport from the United States State Department, I have already sent in the request of an issuance of another.

July 24, 1953

- 2 -

Professor M. S. Sundaram

South Tamworth
New Hampshire

July 24, 1953

Mr. W. W. Work, Chairman
Instruments & Meas.
American Institute of Electrical Engineers
Lynn, Massachusetts

Dear Mr. Work:

December 15 will find me about to leave for a very busy visit to India and March 30 will find me shortly after my return and with a great need to rest up after what, as I have been told by other Americans who have lectured in India, will be a gruelling experience. Therefore, I must beg off for both dates. Why not try Dr. Y. W. Lee of the Massachusetts Institute of Technology?

Sincerely yours,

Norbert Wiener

NW:jc

HEBRON ACADEMY
HEBRON, MAINE

July 27, 1953

Dear Dr. Wiener,

Thank you for your nice letter received today.

Naturally, I am very disappointed that previous plans make it impossible for you to address us in March, however, I fully understand and appreciate your position.

Would you be willing to suggest a name or two for me to contact in place of yourself?? Rather important that the speaker be a good one for the occasion.

Should you ever be coming towards Lewiston

Maine, I hope you will
stop in to visit the school.

Thank you for your
reply, disappointing as it
was for me. I hope your
trip to India will be
most pleasant and not
too tiring.

Very sincerely,

Ladd MacMillan

July 27, 1953

Prof. Norbert Wiener
South Tamworth
New Hampshire

Dear Professor Wiener:

Thank you very much for your letter of July 24 acknowledging mine of June 28 concerning the mechanical amplifiers. I can well imagine that you have difficulty reading all of the papers you receive, and I will appreciate very much any comments you could make on mine in the future. Do you feel it could be developed into a suitable Doctor's thesis?

Following July 30, 1953, my address will be c/o Mrs. A. L. O'Rourke, 784 Fairmount Avenue, St. Paul 5, Minnesota.

Thank you very much for any advice you can give me.

Very truly yours,

Neil W. O'Rourke

Neil W. O'Rourke

209 Speedwell Avenue
Morristown, New Jersey

Professor Norbert Wiener

Title: Programming in Computing Machines and in the Automatic Factory

Abstract: How high speed computing machines demanded automatic programming and how automatic programming was bound to lead to the automatic factory.

Massachusetts General Hospital

Boston 14

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July 28, 1953

Dr. Norbert Wiener
South Tamworth
New Hampshire

Dear Norbert:

On the opening day of the International EEG Congress (August 17th) there is to be a symposium in which Dawson from London will speak on Auto-correlation; also Grey Walter on his toposcopic technique and Knott on automatic analysers. The plan is to have an hour for free discussion after the speakers and official discussants have finished, and I am sure the speakers hope very much that you will be there for your comments and criticisms would contribute immeasurably to this topic. I am enclosing a program so that you may see the time schedule. Don't pay any attention to the Chairman of that session. The program committee chose as chairmen persons whom they thought would have little to contribute.

I hear the course at M. I. T. was a tremendous success and want to thank you for your kindness in making it possible for John Barlow to attend.

I am enclosing a few photographs of recent results we have got with the Cherry correlator. We would welcome your comments.

Give my affectionate greetings to Margaret and to Peggy if she is with you.

Sincerely,

Mollie
Mary A. Brazier

Mary A. B. Brazier

MABB/td

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CAMBRIDGE 39, MASS.

DEPARTMENT OF MATHEMATICS

July 28, 1953

Professor Norbert Wiener
South Tamworth
New Hampshire

Dear Professor Wiener:

I have asked the Photo Service to send you 12 copies, in passport size, of the picture which I am enclosing. I was able to find only two or three large pictures and this one seemed recent enough and available at the Photo Service. They told me that they should be sent out at the end of this week.

I have forwarded the reprints but am sending back the letter from Czechoslovakia since it asks for a book.

You spoke to me, when you were here, about the possibility of Janet Corliss as one of the secretaries in the Department. There is now a vacancy and if she is at all interested we would be glad to hear from her. I expect to leave on vacation a week from Friday, on August 7, and I will be gone for three weeks.

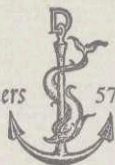
Very sincerely yours,

Ruth S. Goodwin

Ruth S. Goodwin

Encs. (2)

DOUBLEDAY & COMPANY, INC., Publishers



575 MADISON AVENUE, NEW YORK 22 - MURRAY HILL 8-5300

July 30, 1953

Dear Professor Wiener:

The new chapter has just arrived, and I will look at it tonight and then give it to the typist to include with the rest of the book. The whole works should be ready in about a month, and I am even more confident than ever that it's going to work out well.

I do want to thank you and Mrs. Wiener again for the pleasant time I had in New Hampshire last week. I do hope you enjoyed it as much as I did.

Sincerely,

Jason
Jason Epstein

Professor Norbert Wiener
South Tamworth
New Hampshire

JE:nr

[ans 8/6/53]

Viggo Victor Kutschera,
c/o 1037 West 7-th Ave.,
Vancouver 9, B.C.,
Canada.

July 30-th 1953.

Dear Prof. Wiener:-

Thank you very much for the information with regards to the late Mr. Paley.

If it should be that you are in need of any further substantiating first-hand evidence, a most reputable witness was at hand there at Skoki then--the former honorary Librarian of Dartmouth College, Mr. Nathaniel Goodrich.

Mr. Goodrich was a noted amateur alpinist, skier and climber in his day, and a widely travelled gentleman. I knew him well and can say he's a man who wouldn't make mistakes if he'd have to verify anything. I assume it should be an easy enough matter for you to contact Mr. Goodrich, just in case that you sir would want to check up on one or the other item concerning the late Paley.

Mr. Goodrich came West with the rest of the Boston Ski party (not tea party!) in the quasi position of a, well, sort of chaperone--and, as you may know, Mr. Paley had joined the Bostonians without much fuss or ado quite on his own (or so I've heard?)

Sincerely Yours:

Viggo Victor Kutschera
Viggo Victor Kutschera.

N.B.:

If I recall correctly, Mr. N. Goodrich wrote the fatality up in the American Alpine Journal, as well as in the American Ski Annual (the year following the tragedy.)

His accounting was correct; I've read it*then when the affair was fresh in my mind. (You see I've had to bring out several other avalanche victims that year--and many since.)

VVK.

in proof



SIMON AND SCHUSTER, INC.
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ROCKEFELLER CENTER, 630 Fifth Avenue, New York 20 • TELEPHONE Circle 5-6400

July 30, 1953

Dear Dr. Wiener:

The Summer 1953 issue of the Virginia Quarterly Review contains a review of EX-PRODIGY by Margaret Mead which, despite a couple of errors of fact, is by far the most perceptive and intelligent review of your book that I have seen.

Should you have missed it and find it inconvenient to get at a copy, I can have ours reproduced for you.

Sales continue slowly but steadily, averaging about 30 a week for the last couple of months.

With best wishes,

Henry Simon

Dr. Norbert Wiener
South Tamworth, N. H.

hws:lf

[ans 8/6/53]

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July 31, 1953

Professor Norbert Wiener
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dear Professor Wiener:

NATIONALISM AND SOCIAL COMMUNICATION by K. W. Deutsch has just been published under our imprint and we have forwarded a copy. Please accept it with our compliments and those of the author.

We are well aware of your interest in this field and feel that this book will prove useful to you. Should you care to make any comments upon examining the volume, they would be most welcome.

Yours very truly,

Andrew H. Neilly, Jr.
Andrew H. Neilly, Jr.
Assistant Sales Manager

AHN:LN

[ans 8/6/53]