

274

CORRESPONDENCE

Feb. 11-29, 1960

N. WIENER · MC 22

HARVARD UNIVERSITY
Department of Mathematics
2 Divinity Avenue
Cambridge 38, Massachusetts

February 11, 1960

Prof. Norbert Wiener
Mass. Inst. of Technology
Cambridge 39, Mass.

Dear Colleague:

I am enclosing a copy of the Program for the Symposium on Hydrodynamic Instability in which you have agreed to participate. Will you please check your title carefully.

I would also appreciate having at this time a rough estimate of travelling expenses, insofar as they are to be met from the funds provided by this Symposium. It would be appreciated if these expenses could be met from other sources where convenient.

The Organizing Committee is counting on receiving manuscripts from all speakers in April or May. Your cooperation in this will be much appreciated.

Sincerely yours,

Garrett Birkhoff

Garrett Birkhoff

GB/lbs
enc.

[ans 4/6/60]

Ex. 3-1000 - Statler Hotel
Washington

HEADQUARTERS
AIR FORCE BALLISTIC MISSILE DIVISION (ARDC)
UNITED STATES AIR FORCE
Air Force Unit Post Office, Los Angeles 45, California



Spring 6-1440

11 Feb 60

REPLY TO
ATTN OF: WDAT/Mr. D. Cetone/2554

SUBJECT : AFBMD Conference - 2,3,4 Mar 60

TO: Professor Norbert Wiener
Massachusetts Institute of Technology
Lexington 73 Massachusetts

Dear Mr. Wiener:

1. Mr. Kalus Liebhold of the General Electric Company, Santa Barbara, California has furnished me a copy of his letter to you regarding the forthcoming AFBMD Conference on Technical Information Systems to be held in Washington, D.C..
2. This Division would be honored by your participation in this symposium, and we invite you to comment unrestrictedly upon any matters of interest to yourself in the Technical Communications area.
3. We sincerely hope that your schedule allows you to address this audience.

Sincerely yours,

DANIEL F. CETONE
Chief, Professional Services
Technical Data Division

copy to:
Mr. K. Liebhold
General Electric Co.,
Santa Barbara, Calif.

Handwritten signature/initials

HEADQUARTERS
AIR FORCE BALLISTIC MISSILE DIVISION (ARDC)
UNITED STATES AIR FORCE
Air Force Unit Post Office, Los Angeles 45, California



REPLY TO
ATTN OF: **WDAT/Mr. D. Cetone/2554**

SUBJECT : **AFBMD Conference - 2,3,4 Mar 60**

11 Feb 60

TO: **Professor Norbert Wiener
Massachusetts Institute of Technology
Lexington 73 Massachusetts**

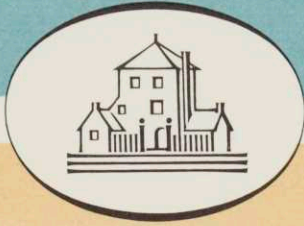
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**DANIEL F. CETONE
Chief, Professional Services
Technical Data Division**

copy to:
**Mr. K. Liebhold
General Electric Co.,
Santa Barbara, Calif.**



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Jason Epstein, EDITOR

February 11, 1960

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

Dear Norbert:

Many thanks for your exciting letter. Of course we want to go ahead with the novel which you and Mr. Azimov are going to do, but I see no reason whatsoever that the Doubleday question should arise, since Mr. Azimov's role is only that of a collaborator while you are the principal author. I am sure Doubleday will release Mr. Azimov for the purpose of this novel.

On the other hand, I agree that the novel should not interfere with your more important work and I am quite prepared therefore not to expect the manuscript for as much as two years. Do let me know whether to send you a contract.

With best wishes from house to house.

Yours,

Jason Epstein

SCIENCE

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
1515 MASSACHUSETTS AVENUE, NW, WASHINGTON 5, D.C. • DUPONT 7-7171

11 February, 1960

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

Dear Professor Wiener:

In accordance with Dr. DuShane's letter of 22 January, I am returning your edited article so that you may check over the changes suggested by the copy editors.

Several questions are marked in the margins on pages 3, 6, 7, 11, 12 and 13.

The copy editors have inserted several short subheads which you should also check (pages 4, 8, 11, and 14).

The manuscript can be sent to the printer soon after you return it.

Sincerely,

Robert V. Ormes

Robert V. Ormes
Assistant Editor

Enclosure
RVO:lw

[ans 3/28/60]

HARRY A. OSTROLL, P. E.

Consulting Engineer

798 EAST 22ND STREET

BROOKLYN 10, N. Y.

GEDNEY 4-8987

Feb. 11, 1960

Prof. Norbert Wiener -

Mass. Inst. of Tech.

Cambridge, 39 - Mass

My dear Prof. Wiener - I just

finished your interesting book.

I am a mathematician

and enjoyed it immensely.

I have followed your work
for many years. and
am grateful for your
contributions to Pure
Mathematics -

The *Die* Conductors
Engineer - is the mathematical
problems that keep me young.

In enclosure a poem that
I've used as my credo for

many years & I think you'll
like it - if you already
haven't seen it -

See in my library I have letters
from some of the World's greatest
Scientists, like Einstein Oppenheimer,
Heisenberg, and Howard Staley,
just to mention a few -

So if its not asking too
much would cherish, and
greatly appreciate an
autographed note from you.

Hope you take the sundown
and with the sunset
Best wishes for a long and
fruitful life -

Sincerely
Harry S. Cottrell

To Prof. Norbert Wiener -
-c of e-
Young forever -
Feb. 11, 1960

Who will remain
Sincerely
Harry A. Ostroll

YOUTH

We are happy to reprint below an expression of the true meaning of youth, submitted to us by HARRY A. OSTROLL of Engineering Division. Harry clipped it from the June 1916 issue of Psychology magazine, and has been carrying it around ever since, wherever he goes. And he has made it his creed -- his formula for LIVING. Harry passes it on to you, as he has to all his friends over many years:

Youth is not a time of life; it is a state of mind. It is not a matter of rosy cheeks, red lips, and supple knees; it is a matter of the will, a quality of the imagination, a vigor of the emotions; it is the freshness of the deep springs of life.

Youth means a temperamental predominance of courage over timidity of the appetite, for adventure over the love of ease. This often exists in a man of sixty more than a boy of twenty. Nobody grows old merely by a number of years. We grow old by deserting our ideals.

Years may wrinkle the skin, but to give up enthusiasm -- wrinkles the soul. Worry, fear, self-distrust, bow the heart and turn the spirit back to dust.

Whether sixteen or sixty, there is in every human being's heart, the lure of wonder, the unfailing, child-like appetite of "what's next," and the joy of the game of living. In the center of your heart and my heart there is a wireless station; so long as it receives messages of beauty, hope, cheer, courage and power from men and from the Infinite, so long are you young.

When the aerials are down, and your spirit is covered with snows of cynicism and the ice of pessimism, then you are grown old -- even at twenty -- but as long as your aerials are up, to catch the waves of optimism, there is hope you may die young at eighty.

....Dr. Samuel Ullman.

The Technology Press



MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CAMBRIDGE 39, MASSACHUSETTS

February 12, 1959

Professor Norbert Wiener
M.I.T. 2-276

Dear Professor Wiener:

The official sales figures for your books during the last six months of 1958 are as follows:

	<u>Last half of 1958</u>	<u>Total since publication</u>
<u>Cybernetics</u>	456	32,194
<u>Stationary Time Series</u>	119	4,693
<u>Nonlinear Problems in Random Theory</u>	862	862

The unofficial report for January adds 129 for Cybernetics, 30 for Time Series, and 249 for Non-linear Problems.

Very truly yours,

Lynwood Bryant

Lynwood Bryant
Director

LB:cw

12 Feb. 1960

Dr. Norbert Wiener
Massachusetts Institute of Technology
Cambridge (Boston) Mass.

Dear Dr. Wiener:

I have prepared a treatise containing an academic suggestion for the mediation and the comprehensive coordination of materialistic and emotionalistic knowledge for the Massachusetts Institute of Technology.

It is herewith and I ask you to make it available to the university authorities after a personal perusal.

In your work with cybernetics and automation I feel sure you are aware of the limitations. I wonder if you have given full consideration to the deleterious effects attending all utilitarian, technological progress that is subject to misunderstanding and misinterpretation?

Therefore, "EGOISM IN REALITY" is submitted for your critical inspection.

Sincerely yours,

John Driskill

John Driskill
Attorney at Law
2089 Sherman Avenue
Norwood, Cincinnati 12, Ohio.

[ans 4/4/60]

Lou Ventoulet 16 Avenue de la Mitre Mourillon Toulon (Var)

12 Février 1960

Monsieur le Professeur Norbert Wiener
Massachusetts Institute of Technology
U.S.A

Monsieur Le Professeur

Je suis particulièrement touché par l' empressement que vous avez mis à répondre à ma lettre du 19 Janvier et par l' annonce de l' envoi des exemplaires des articles sur les dangers et possibilités de l' ^{to} automation; Je les lirai avec le plus grand intérêt et tacherai de les faire connaître au plus grand nombre de mes compatriotes.

Je lis très bien l' Anglais et le parlais assez bien. Je préfère cependant écrire dans ma langue maternelle. ? Vous pouvez donc m' envoyer tous documents publiés en Anglais, Italien , Espagnol ou Allemand.

Je ne manquerai pas de vous indiquer mon opinion bien qu' elle n' ait que peu de valeur

Avec mes remerciements, recevez, Monsieur le Professeur l' expression de mes sentiments très distingués



Dr Paul Rossi

HARVARD UNIVERSITY
SCHOOL OF PUBLIC HEALTH

DEPARTMENT OF PUBLIC HEALTH PRACTICE

55 Shattuck St.
Boston 15, Massachusetts

February 12, 1960

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

Dear Professor Wiener:

I believe it is simply superfluous on my part to tell you that your discussion on Cybernetics before our Public Health Practice 10c,d class on February 8th, 2-4 p.m. at the Harvard School of Public Health has been most impactful on all of us who had the privilege of listening to you during these two hours. We were proud that the various comments from the audience have really aspired to be at the level of the calibre of your presentation. It was very easy for me after the session to discover the unanimity of admiration and respect which characterized the judgment of all those who had the privilege to attend. On February 10th when we tried to summarize your presentation we all had the feeling that any attempt at summary will be an anti climax.

This is the second year we have been exposed to your conceptual approach to public administration. It is gradually dawning on us that the cybernetic concept of administration is insightful not only in the field of administration but in many other fields of knowledge as well. Similarly, we realize that administration can be understood not merely from the cybernetic point of view, but also from the mechanistic (structure bound), the psychological and the sociological points of view.

The Department of Public Health Practice, headed by Dr. Leavell may gradually enrich itself by attempting to understand the cybernetic approach; so far this Department has been a pioneer in including social science within its scope; it will pioneer further if it includes this cybernetic approach, too.

Dr. Leavell himself has suggested that I write a paper exploring the possible interaction between administration and cybernetics; this challenge frightens me, yet it attracts me, particularly because it requires me to get into further personal contact with you. All of us felt after we lived with you for two hours on February 8th that we had experienced a unique event in our education; the way you think and behave in small groups or bigger ones and the lucidity with which you can popularize your highly intellectual concepts are most admirable and charming.

Furthermore, Dr. Leavell and I have been made fully aware of the fact that despite your high intellectual eminence you are perfectly at ease to relate to individuals and groups in various countries - a trait which reflects the breadth and depth of your human sympathies.

Professor Norbert Wiener

page 2

Looking forward to future collaboration in our mutual fields and on behalf of Dr. Leavell I wish to thank you most gratefully.

Respectfully yours,



Z. A. Shakhashiri, M.D.
Visiting Associate Professor
of Public Health Practice.

ZAS:an

cc: Dr. Leavell

P.S. A check for the nominal honorarium shall be arriving shortly.

D. STANLEY-JONES, F.R.C.S.

Buckshead,
Townshend,
Hayle, Cornwall.

PHONE: LEEDSTOWN 223.

12th February 1960

Dear Dr. Wiener,

I really must apologise for my letter of two days ago, I had no idea you had sent the Preface direct to the Publishers. I received the proofs this morning, and I am more than delighted with all the kind things that you have said. You have indeed dealt very gently with those aspects of the subject for which I can cite no other authority than myself. I hope that others will take as lenient a view of my shortcomings.

I wish I could do justice to your own supremely important theory of **self-organising** systems; for I believe here that we are approaching, with all reverence, close to the very Nature of God. I have thought along these lines for many years, but have never been able to develop the subject as you have.

Pergamon Press are making a magnificent job of production, and I hope the book will be issued fairly early in the Summer.

With again my many, many thanks,
Cordially yours,

D. Stanley-Jones

February 12, 1960

Dr. Leonard W. Levy, Dean
Graduate School of Arts and Sciences
Brandeis University
Waltham, Mass.

Dear Dr. Levy:

Thank you for your letter of February 10 in which you invited me to give an evening lecture during the week of August 8 as part of your adult-education program.

While I feel that it is an extremely interesting program and know that you have a fine list of lecturers, I will unfortunately be unable to accept as I shall by then be already in Europe from where I shall not return until February 1961.

With best wishes for a successful program, I remain

Sincerely yours,

Norbert Wiener

NW/emr

February 12, 1960

Mr. Klaus G. Liebhold
Technical Information Services
General Electric Company
735 State Street
Santa Barbara, Calif.

Dear Mr. Liebhold:

Thank you for your letter of February 8. Yes, I have decided to participate, but find of the dates you listed March 4 as the best day to fit into my schedule.

With best wishes, I remain

Sincerely yours,

Norbert Wiener

NW/emr

*Called off - no funds
available for expenses
incurring on trip.*

*Liebhold
01449
General
Wiener*

February 12, 1960

Prof. Aldo Masturzo
President
Societa Internazionale di Medecina Cibernetica
Via Roma, 348
Napoli, Italia

Dear Professor Masturzo:

While checking the dates of lectures of Prof. Wiener this summer in Europe, it suddenly became clear to me that in answering your letter of December 22, 1959, (our reply of January 11, 1960), we have made a terrible mistake. Prof. Wiener's talk at the Gesellschaft für Deutsche Naturforscher und Ärzte is not, as we said, on September 20, but probably on either the 27th or 28th of September.

I know that you have probably almost concluded your plans for the International Symposium. Is there still time to make a few changes? If you cannot postpone it a few days, Prof. Wiener will have to come to Italy first before giving his talk in Hannover, Germany, and then, of course, return to Naples for the semester after the Conference in Hannover is over.

I hope very much that a way can be found to accomodate both you and Prof. Wiener. May I hear from you very soon?

Sincerely yours,

Eva-Maria Ritter (Mrs.)
Secretary to Prof. Wiener

P.S. Mrs. Wiener to whom I have explained the situation feels that if the conference of your society cannot be postponed, Prof. Wiener will have to cancel his talk, as the rush from one conference in Germany to another in Italy (they might drive down in their own car) might be too exhausting physically.

February 12, 1960

Mr. Francis A. Young
Executive Secretary
Conference Board of Associated Research Councils
Committee on International Exchange of Persons
2101 Constitution Avenue, N. W.,
Washington 25, D. C.

Dear Mr. Young:

Thank you for your letter of February 9 in which you invited me to indicate my interest in lecturing abroad.

I am filling out your questionnaire concerning my availability for lecturing abroad, and it is as part of that form that I would like to inform you of my plans for 1960-61.

I shall be leaving for Europe on June 4 and shall not be back here until a year from the present. On September 27-28, I shall be lecturing before the Gesellschaft Deutscher Naturforscher und Arzte in Hannover, Germany, and shortly thereafter I shall be participating in the Conference of the International Society of Cybernetic Medicine in Naples. I shall be staying in Naples, where I shall be lecturing at the University, until February 1961. And it is possible though not at all definite that I shall be in Russia for part of the next summer. Without committing myself to any specific engagements, I shall be available for lecturing abroad during this time.

Sincerely yours,

Norbert Wiener

NW/emr

Enc.

Wiener

Norbert

Institute Professor, M. I. T.
 Professor of Mathematics
 Room 2-276, Dept. of Mathematics, M. I. T.
 Cambridge 39, Mass. UN 4-6900, ext.198
 53 Cedar Road
 Belmont, Massachusetts IV 4-0021

m

yes \$9000
 11/26/1894 USA
 Columbia, Missouri Missouri

married 1 (65)

Tufts College	Boston	1909	Mathematics, Philosophy	A.B.
Harvard University	Cambridge	1912	" "	M.A.
" "	" "	1913	" "	Ph.D.
Mass. Institute of Techn.	"	1919	Mathematics Instructor	

Docent Lecturer in Philosophy, Harvard University, 1915-1916
 M. I. T. Instructor -- Professor, Mathematics, Massachusetts Institute of Technology 1919-1960
 Exchange Professor of Mathematics at Brown University 1929-1930
 Lecturer at Cambridge University, England, 1931-1932. Visiting Prof. Tsing Hua Univ., Peiping 1935-1936
 Bowdoin Prize, Harvard, 1914, Boucher Prize, Am. Math. Soc., 1933,
 Lord and Taylor American Design Award, 1949. Hon. Degrees: Sc.D. Tufts, 1946, Sc.D. Univ. of Mexico, 1951, Sc.D. Grinnell College 1957
 Approximately 165 papers in Mathematical and scientific journals. The Fourier Integral and Certain of its Applications, 1933. The Human Use of Human Beings, 1950.
 Cybernetics, 1948. Extrapolation and Interpolation Ex-Prodigy, 1953. I am a Mathematician, 1956. et al.
 and Smoothing of Stationary Time Series, with Eng'g (1949) Applications, Italian, Swed., Dutch, Chinese Swed., Norw., Dutch, Ital., Portug.
 Eng., Ger., French, Spanish Mathematics, Cybernetics Danish, Norwegian

Europe not specified

1. Henry Allen Moe, 551 Fifth Avenue, New York 17, N. Y.
2. President Julius Stratton, Massachusetts Institute of Technology
3. Warren Weaver, Rockefeller Foundation, 49 W 49 Street, New York 20, N.Y.
4. Prof. M. Stone, Mathematics Department, University of Chicago
February 12, 1960

Signature

Dr. Leon Goldenthal c/o

Stephen Foster Hotel - Motel

Overlooking the Ocean at 63rd Street

Miami Beach, Florida

Feb 13/60

Dear Dr Wiener:

While we are total strangers to you, the name of your father, the late, Dr Leo Wiener, is mentioned in our home as a "Star" in our family. It so happened that we have to connect him with another "Star" in our family, my father-in-law, the late, great Yiddish poet, Morris Rosenfeld who is the central figure of a Novel I wrote, in the spare time of my profession, I entitle, *Toil and Triumph*, now under press.

I worked on this book for the past 18 years (6 years research and 6, write&type) and am amazed at the great role your father played towards the recognition and advancement of the Poet.

I am fully aware of the greatness of your achievements in science, perhaps considered now as one of the ten greatest mathematicians in the world and that your father is better known now, as the father of Norbert Wiener instead of the ~~obscure~~ ~~stay~~ around, despite his great cultural achievements, yet I am fearless in approaching you, because none of us is faultless (Angels are in Heaven) and both of us are approaching the "Gates of

Eternity" where all distinction is levelled. So, I dare ask you to buy a book when my publishers the Pageant Press approaches you, despite any prejudice you may have assumed in the course of years.

Since, as I understand, you are writing your autobiography I can supply you with many data in the life of your parents and even grandparents I came to know during my arduous work on my book.

Please communicate with me to above address where I shall be for one more month,

Respectfully

Yours very truly

Leon Goldenthal

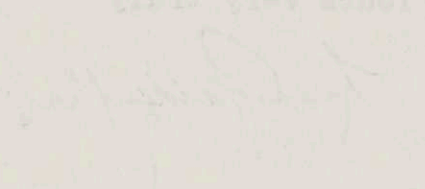
{ms 2/26/60}

Stephen Foster Hotel - Motel

Overlooking the Ocean at 63rd Street

Miami Beach, Florida

Yours very truly



AMERICAN SOCIETY OF TOOL AND MANUFACTURING ENGINEERS



10700 PURITAN AVENUE DETROIT 38, MICHIGAN UNIVERSITY 4-7300

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H. E. CONRAD	<i>Executive Secretary</i>

February 15, 1960

Dr. Norber Wiener
Department of Mathematics
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dear Dr. Wiener:

We are proud and pleased that you have accepted the 1960 ASTME Research Medal and will be in Detroit in April to receive the award.

The local science editors and the many technical magazine people who will be here April 21 to 28 to cover the activities will want to interview you, we are sure, and it would be most helpful if we could know in advance when you plan to arrive in Detroit and how long you are able to stay, so that we can make these arrangements.

We would like your stay in Detroit to be as pleasant and comfortable as possible. Since the Honor Awards Dinner is on Saturday, April 23, it would be a great help to us to know as soon as possible your arrival time and date.

Both Mr. E. Leo Koester, our Public Relations Director and I are looking forward to meeting you. In the meantime, if we can be of any assistance to you with your travel plans, please let us know.

Yours very truly,

Joan Burczyk
Joan Burczyk

Public Relations Assistant

ORGANIZED TO FURTHER RESEARCH IN TOOL ENGINEERING AND TO ADVANCE THE SCIENTIFIC AND EDUCATIONAL PROGRESS OF CREATIVE MANUFACTURING

[ans 3/9/60]

WILBRAHAM ACADEMY
WILBRAHAM, MASSACHUSETTS

15 February 1960

Dear Professor Wiener,

I shall be at MIT this coming Wednesday, the 17th, for further talks regarding my application for admission. You may recall that I talked briefly with you on the telephone last week about the series of interviews we are conducting for our 1960 yearbook. These interviews will cover all major academic subjects as well as the field of student exchange and that of legislative work apropos education.

We have already had a very rewarding talk with Henry Steele Commager, relating to the teaching and study of history in a time of transition and to the new directions suggested by the reappraisal of its philosophies. We shall soon talk with, among others, Mr. Dean Acheson, President Pusey of Harvard and Dr. Oppenheimer.

I shall phone you Wednesday afternoon, hoping to see you a few moments in order to clarify the various aims and methods of our project. I sincerely believe that you will find our work worthwhile, and I hope that we may be able to arrange a time for a formal interview.

Very truly yours,

Peter Benes Felsberg
Peter Benes Felsberg

tape record / 9th March 60
7

[ans 2/26/60]

FUNK & WAGNALLS STANDARD REFERENCE **ENCYCLOPEDIA**

UNICORN CORPORATION 53 EAST 77TH STREET NEW YORK 21, NEW YORK

RICHARD M. GORDON
Executive Editor

February 15, 1960

Dear Professor Wiener:

On February nineteenth I shall be leaving my position as Executive Editor of Unicorn Corporation. I leave behind a rewarding ten years and an encyclopedia of which we are all proud.

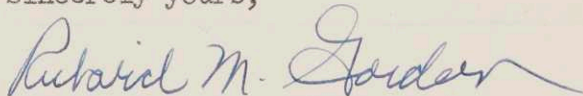
I want to thank you for your assistance as a member of the Consulting and Contributing Board and, in addition, to express my personal pleasure in our association which, for the present, comes to a close.

During the next few months, I shall be traveling. Any inquiries you may have concerning the encyclopedia may be addressed to Miss Marjorie Rose of this firm.

I hope that one day it will be my good fortune to be in touch with you again on another editorial project.

With all good wishes.

Sincerely yours,



Richard M. Gordon
Executive Editor

Professor Norbert Wiener
Massachusetts Institute of Technology
Cambridge 39, Massachusetts

w

Graduate School of Journalism
Columbia University
New York 27, N.Y.

February 15, 1960

Mr. Norbert Wiener
Massachusetts Institute of Technology
Cambridge, Mass.

Dear Sir:

I am a student in the Columbia University Graduate School of Journalism, currently at work on my master's thesis in science reporting. Its subject concerns something that has fascinated me for many years - new developments in electronic computers.

After reading your recent statements at the Chicago meeting of the AAAS, I became extremely interested in the learning capabilities of today's computers and your warnings in that area. I then read your "The Human Use of Human Beings" and Pierre De Latil's "Thinking By Machine", both of which added fuel to my interest. It seems to me that here is a vital subject which has never received a thoughtful treatment in the popular communication channels. I believe it deserves such a treatment. Would you be kind enough to assist me?

Since curriculum restrictions prevent my interviewing you in person, I have taken the liberty of enclosing ~~attached~~ a short questionnaire. Your answers to these questions will be greatly appreciated; I hope to weld them to data gathered from interviews at IBM, Remington Rand, and Watson Computing Laboratories, in addition to three months of research.

Again, my sincere gratitude for any inconvenience this request may cause you.

A stamped, addressed envelope is enclosed.

Yours truly,

Harry F. Waters
Harry F. Waters

[enc 3/28/60]

15.2.1960

Herrn
Prof. Dr. O. Heckmann
Hamburger Sternwarte
Hamburg-Bergedorf
Gojenbergsweg 112
Deutschland

Sehr geehrter Herr Prof. Heckmann:

Da wir im Begriff sind, Prof. Wieners Reise nach Europe im Allgemeinen, und nach Deutschland und Italien im Besonderen, etwas genauer zu planen, erschien es uns wesentlich, dass wir einmal nachfragen, ob das Programm für die Tagung der Gesellschaft für deutsche Naturforscher und Ärzte schon so weit vorbereitet ist, dass Sie uns mitteilen können, wann Prof. Wieners Vortrag vorgesehen ist.

Aus Ihrem Brief vom 21.9.59 sehe ich, dass sehr wahrscheinlich der Vormittag des 27.9. dafür in Frage kommen wird. Wird es, so weit jetzt ersichtlich ist, dabei bleiben?

Ich wäre Ihnen für eine baldige Antwort sehr dankbar!

Mit vorzüglicher Hochachtung,

Eva-Maria Ritter
(Secretary to Prof. Wiener)

Alexander M. Letov

Prof. doctor. of phys. mathem. sciences

*Institute of Automatics and Telemechanics
Academy of Sciences USSR*

Moskva, D-40, Leningradskoje shosse, 9

February 15, 1960

Prof. Dr. Alexander M. Letov
Institute of Automatics and Telemechanics
Academy of Sciences USSR
Moscow, D-40
Leningradskoje Shosse 9
USSR

Dear Prof. Letov:

You will remember our several discussions of cybernetic matters when you visited M.I.T. You will also remember that we discussed the possibility of my visiting Russia and of my coming into contact with my scientific colleagues there. The situation at present is the following: I shall leave by boat early in June, remaining in Europe until some time in February 1961. I have no definite plans for work in the summer but in the autumn, I am speaking at a meeting of the Gesellschaft deutscher Naturforscher und Arzte in Hannover, and also at a meeting of the Society of Cybernetic Medicine in Naples. After that I shall spend the whole autumn and winter semester at Naples working together with Dr. Caianello and his colleagues.

Now the question arises: Shall I be able to visit Russia? I have been told that certain sums are awaiting me for the translation rights of "The Human Use of Human Beings" and possibly of "Cybernetics". I understand perfectly that these sums are available only in rubles for use inside Russia. However, I am very hesitant to visit Russia as an intourist. The reason is that I understand that I must pay in advance for my whole trip at the rate of \$32.00 per person per day. As my wife would accompany me, this would amount to \$60.00 a day which is, frankly, far more than I could afford. This advance expenditure would put the trip far beyond my finances.

The result is that unless other arrangements were made for me, and unless I could learn what they are sufficiently soon, not to be put to inconvenience in adapting my plans to a Russian trip securing the proper passeport and visum etc., I do not see how such a trip would be possible for me. This is not a matter of ill will but simply of the need under which I am not to put myself into personal financial difficulties. I might also say that while I shall be abroad in 1961-62, it will probably be at least two years before I can travel in Europe again as my plans involve my spending some time in Mexico.

I am writing this letter to explain my situation so that you will not be surprised if you hear of my stay in Europe without my coming to

Prof. Dr. Letov--2

Russia.

With the most pleasant memories of my meeting with you and my colleagues, I remain

Sincerely yours,

Norbert Wiener

NW/emr

**2nd HUNGARIAN
MATHEMATICAL CONGRESS**

BUDAPEST, 24—31 AUGUST 1960.

Congress Headquarters :
BUDAPEST, V. REÁLTANODA UTCA 13—15.
Telephone : 187-330

Telegraphic address : Matematika—Budapest

Budapest, the 16. February, 1960.

Prof. N. Wiener
Massachusetts Institute
of Technology
CAMBRIDGE 39.
Mass. USA

Dear Professor Wiener,

The 2nd Hungarian Mathematical Congress will take place as a joint organization of the Hungarian Academy of Sciences and the "János Bolyai" Mathematical Society from August 24. to 31. of this year.

The first detailed communication concerning the Congress has been posted to your address at an earlier date and we hope you are already in receipt of it.

We should be very glad if you participated in our Congress. In case you wish to do so, please fill in the application form enclosed to the "First Communication" and send it back to our address.

If you wish to get any further informations concerning the participation in the Congress, the Organizing Committee will be glad to be at your service.

With best wishes

László Alpár

/L. Alpár/

in the name of the
Organizing Committee

INTERNATIONAL FEDERATION OF UNIVERSITY WOMEN
17a, King's Road, Sloane Square, London, S.W.3

ER 111-03

16th February, 1960

Dear Sir,

Thank you for your letter of February 10th in reply to my question about Mrs Walther.

I most appreciate the promptness of your reply.

Yours sincerely,



FELICIA STALLMAN
Executive Secretary

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

BY AIR MAIL
PAR AVION
AIR LETTER
AÉROGRAMME



Professor Norbert Wiener,
Department of Mathematics,
Massachusetts Institute of Technology,
CAMBRIDGE 39,
Mass., U. S. A.

← Second fold here →

Sender's name and address: IFUW
17a King's Road, Sloane Square,
London, S.W.3.

AN AIR LETTER SHOULD NOT CONTAIN ANY
ENCLOSURE ; IF IT DOES IT WILL BE SURCHARGED
OR SENT BY ORDINARY MAIL.

← To open cut here

Febr. 15th 1960

Dear Mrs. and Professor Wiener,

Thank you so much for your kind letter of Febr. 8, 1960, and for your appreciative words about my husband. Of course, if I think straight, I should find consolation in the fact, that Balzh hardly suffered, and that he was able to work up to his very last days, but I cannot so far resign myself, that Balzh, so good, and clever, should have to die, when he could have done so much more for Science and the world. It is true, we had 47 happy years together, with ups and downs - of course, but I am sad, and very much alone.

I will be very happy, if you will come, and see me next summer. Early in September I'll be in London, I may come back on the 20th. Perhaps you will be kind enough to let me know, when you are coming? My guestroom is awaiting you.

Later in the fall in May come to Cambridge and stay with le Corbeilles.

with very best regards,

yours sincerely,

Netta van der Pol

POSTGRADUATE CENTER FOR PSYCHOTHERAPY, Inc.

218 East 70 Street, New York 21, N. Y.

TRafalgar 9-7100

TRUSTEES

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EUSTACE W. TOMLINSON, *Treasurer*
IRVIN B. SCHWARTZ, *Executive Director*

February 17, 1960

Dr. Norbert Wiener
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dear Dr. Wiener:

Pursuant to our telephone conversation today, I am sending herewith a copy of the letter which we sent to you, which apparently was lost in transit.

If you find that you can be present at our meeting on March 15th, as a discussant, I would appreciate it if you would let me know as soon as possible.

Sincerely yours,

Irvin B. Schwartz
Executive Director

IBS:VH
enc.

A Tax Exempt Organization—Chartered by the Board of Regents of the State of New York

February 10, 1960

Dr. Norbert Wiener
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dear Dr. Wiener:

In connection with the International Lecture Series of the Postgraduate Center, we are bringing to the United States Professor A. R. Luria of the Soviet Union. This will be the fourth in the series of lectures which was initiated with Dr. Gray Walter and subsequently brought to the United States other lecturers including Dr. Konrad Lorenz and Dr. Erik Stromgren.

This fourth lecture series, with Dr. Luria, will include several meetings on the subject of: "Advanced Studies in Neurophysiology and Behavior." The third meeting which will take place on Tuesday, March 15th, at 8:30 at the Carnegie Endowment Center - 345 East 46th Street - will be a round-table discussion on the subject: "Meaning Systems in Normal and Abnormal Behavior."

We should be honored and privileged to have you participate as one of the discussants in this meeting.

If you will let me know as soon as possible that you will be able to accept, we will proceed with publication of the program.

Sincerely yours,

Lewis R. Wolberg, M.D.
Medical Director

LRW:VH

P.S. We shall, of course, be glad to reimburse you for travel and hotel expenses.



SOCIETA' INTERNAZIONALE DI MEDICINA CIBERNETICA
S. I. M. C.

IL PRESIDENTE

NAPOLI 18/2/60
VIA ROMA, 348
TEL. 31.26.23 - 31.31.84 - 31.31.25

Dear Mrs Ritter,

in reply to your letter of February 12, 1960,
I have the pleasure of informing you that there is still
time to postpone for few days the date of the International
Symposium, according to Prof. Wiener's desires.

The new date has been fixed, by the Organizing Com-
mittee, for the days 2nd, 3rd and 4th October, 1960.

I think that Prof. Wiener will be satisfied with
this change and I beg you to assure him and Mrs Wiener that
every care will be taken to make their stay in Naples com-
fortable and agreeable.

Sincerely yours

Prof. Aldo Masturzo

Mrs Eva Maria Ritter
Secretary to Prof. N. Wiener
Department of Mathematics
Massachusetts Institute of Technology
Cambridge

[ans 2/29/60]

ELDON J. COVELL
Superintendent

FREDERICK R. HUBER
President



MONTEREY PENINSULA COLLEGE

P.O. Box 1231
MONTEREY, CALIFORNIA

February 18, 1960

Dr. Norbert Wiener
53 Cedar Rd.
Belmont
Mass.

Dear Dr. Wiener:

We are beginning now to schedule speakers for our Evening Lecture Series next year. We would be honored, sir, if you would consider taking part in our program during the Fall Semester, 1960.

Our dates for next school year are open. We have found, however, that some dates prove more opportune than others. If I might risk presumptuousness by being specific, I would suggest an evening during the first week of October, 1960.

We are attempting to organize a special sort of series for these next few years: the serious "debates"--MAN VS. THE MACHINE, MAN VS. HIMSELF, MAN VS. THE ATOM--we will focus upon by inviting important men of differing opinions in each of the above areas to speak here on the Monterey Peninsula.

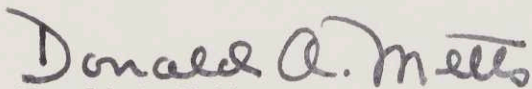
Were you agreeable to accepting an engagement here, we could discuss the matter of a lecture topic in subsequent letters. THE HUMAN USE OF HUMAN BEINGS, however, could not be "topped" unless you chose to top it.

Because there is no admission charge for the lectures, we can offer you an honorarium of but eight hundred dollars.

Enclosed is a copy of our brochure for Fall of this year. In addition to those persons listed on page three, we have, in the past, been able to present such other men as Robert M. Hutchins, Norman Thomas, Mortimer J. Adler, James T. Farrell.

I will be very anxious to hear from you regarding such a visit.

Sincerely,



Donald A. Metts
Evening Division
Monterey Peninsula College

[and 2/29/60]

Dr. OTTO HECKMANN
o. ö. PROFESSOR DER ASTRONOMIE
DIREKTOR DER HAMBURGER STERNWARTE

HAMBURG-BERGEDORF, den 19.2.1960
GOJENBERGSWEG 112
TELEFON HAMBURG 71 26 60

Mrs. Eva-Maria Ritter
Secretary to Prof. Wiener
Department of Mathematics
Massachusetts Institute of Technology
Cambridge 39, Mass.
U.S.A.

Sehr geehrte Frau Ritter:

Auf Ihre Anfrage vom 15.2.60 teile ich Ihnen mit, daß
der Vortrag von Herrn Prof. Wiener in Hannover am 26.
September 9 Uhr 55 vormittags stattfinden wird. Ich habe
an Herrn Wiener unabhängig geschrieben.

Mit freundlichen Grüßen

M
O. Heckmann

Herrn
Prof. Dr. N. Wiener
Department of Mathematics
Massachusetts Institute of Technology
Cambridge 39, Mass.
U.S.A.

Sehr verehrter Herr Kollege:

Auf die Anfrage Ihrer Sekretärin vom 15.2.60 wegen des Zeitpunkts für Ihren Vortrag in Hannover teile ich Ihnen mit, daß vor einigen Tagen vom Generalsekretär der Gesellschaft Deutscher Naturforscher und Ärzte, Herrn Prof. Antweiler, das vorläufige Tagungsprogramm versandt wurde. Danach ist Ihr Vortrag auf Montag, den 26. September vormittags 9 Uhr 55 festgelegt. Ich werde Herrn Antweiler sofort bitten, Ihnen mitzuteilen, ob es dabei bleiben wird. Er soll Ihnen außerdem auch das Programm senden, damit Sie die Umgebung kennen, in der Ihr Vortrag steht.

Mitte März wird ein Treffen der Redner in München stattfinden, damit sie Gelegenheit haben, ohne weitschweifige Korrespondenz sich so miteinander abzustimmen, daß unnötige Überschneidungen vermieden und Beziehungen klar herausgearbeitet werden. Da Sie an dieser Sitzung nicht teilnehmen können, würden wir Ihnen sehr verbunden sein, wenn Sie uns freundlichst den ungefähren Inhalt Ihres Vortrags - u.U. nur in Stichworten - bis spätestens 10. März mitteilen könnten.

Ich hoffe sehr (und ich spreche wohl im Sinne des Vorstandes unserer Gesellschaft), daß Sie Ihren Aufenthalt in Hannover genießen werden. Wir freuen uns jedenfalls sehr auf Ihr Kommen.

Mit den besten Empfehlungen und Grüßen
Ihr sehr ergebener

O. Heckmann.

[aus 2/26/60]

Prof. Norbert Wiener
Dept of Mathematics
M. I. T.
Cambridge, Mass.

Feb. 19, 1960
(Home Address:) 3671 North Zhongshan Road
House 181, Room #101
Shanghai, China
Via Hong Kong

Dear Prof. Wiener:

I read your book "Cybernetics" & am impressed with your contribution to science. I learned that you have also published several other books: "The human Use of Human Beings", "Ex-prodigy", "I Am A Mathematician", etc. I want to read them urgently & have difficulties in obtaining them. I wonder if you would be kind enough to send them to me. Enclosed you will find a silk woven picture as a token of my gratitude to you.

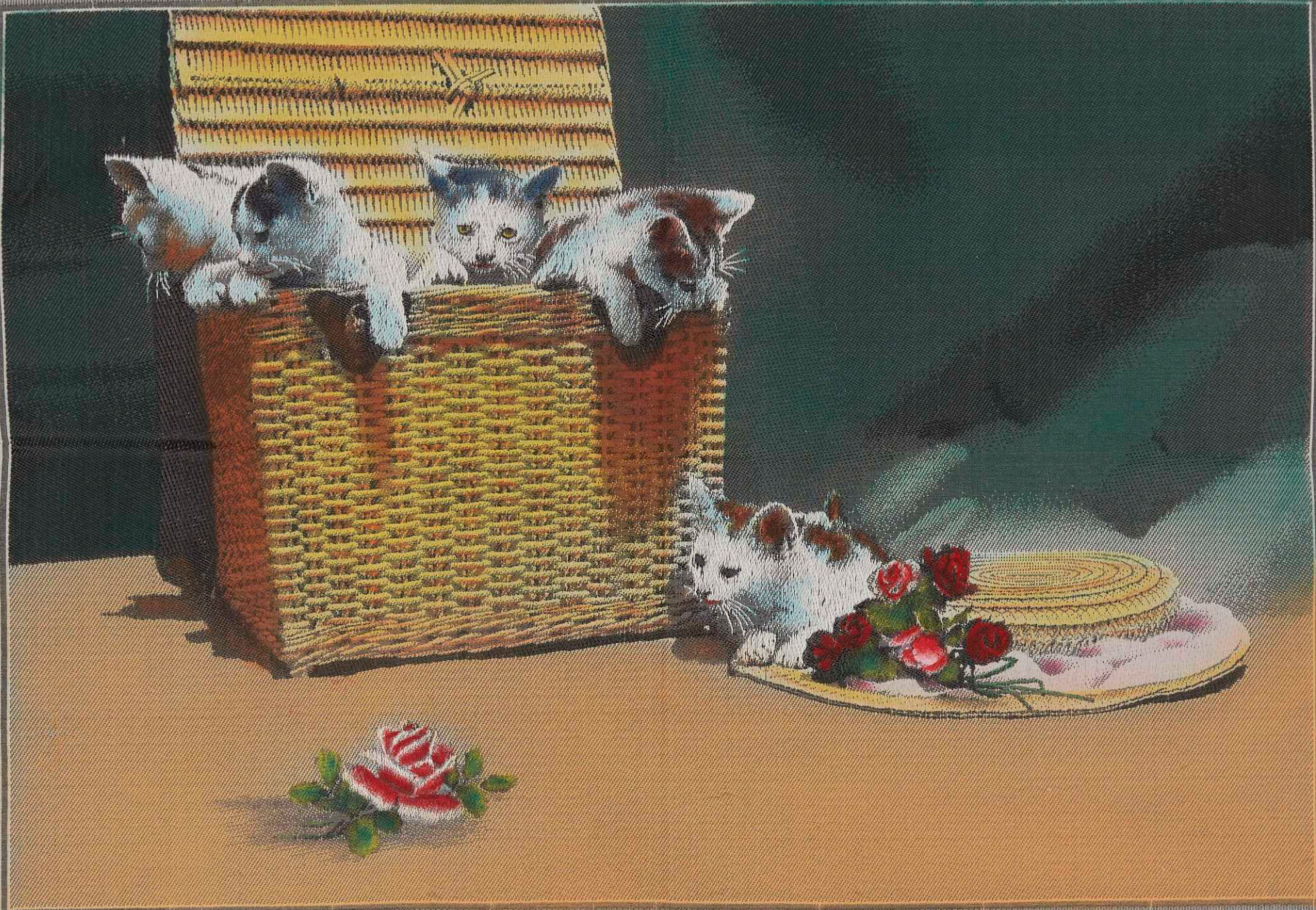
After reading the statements on page 37-39 in your Introduction to "Cybernetics", I felt a little up-set about the consequences of the developments of the new science. Don't you think there will be a way to promote the average human brain to be superior? A superior brain is after all a brain consisting of certain system of neural connections. Can't the scientists work out the mathematical-bio-physical problems & then try out an artificial method speeding up the school learning or even ^{replacing} instead of it? If this can be done, then every body will have superior brains & can do the demanded work. Is this a funny or idiotic question to you. I wonder what problems are you working on now?

Sincerely yours
SING CHU TSENG
Dept of psychology
East China Normal Univ.
Shanghai, China

P.S. For facilitating mail delivery here
I wrote my address in Chinese.
Please paste them on the envelope
of your letter & the parcel.

[ans 3/7/60]

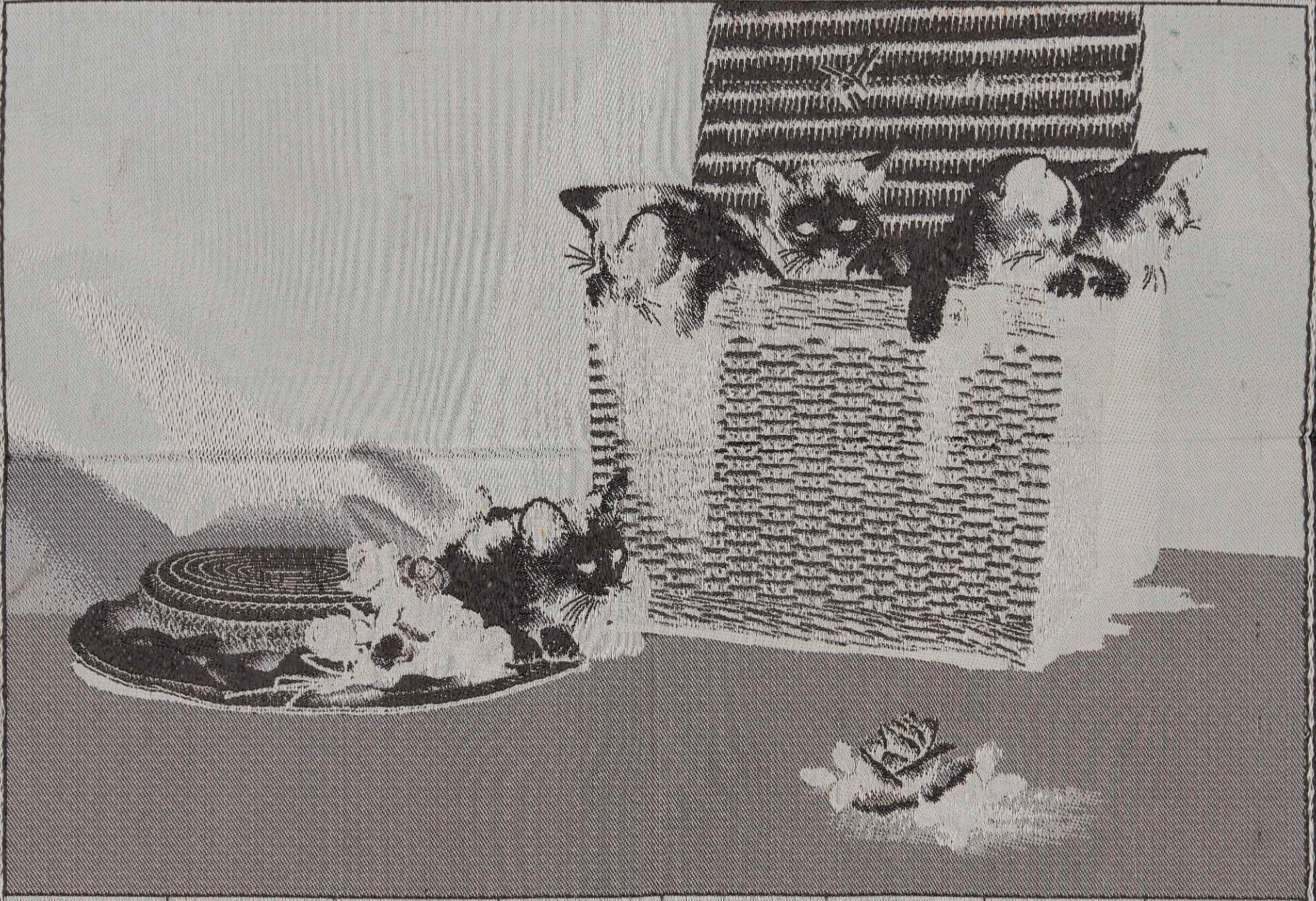
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中國杭州都錦生絲織廠

規格 7×10

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中國絲綢工藝社出品



31 Constantine Place,
Summit, New Jersey,
February 20, 1960

Dr. Norman Wiener,
Massachusetts Institute of Technology,
Cambridge 39, Massachusetts

Dear Dr. Wiener:

I've finally found a valid solution to the problem I have been trying to solve for many years. I am sure you will be interested in it.

The problem has been to retain the Newtonian concepts and still account for the constancy of the velocity of light.

There is a valid solution to this problem, and it is a very simple solution, once we know the answer.

I will indeed appreciate your comment on this new viewpoint.

Sincerely,


Thomas Marshall, Jr.

[ans 3/28/60]

INDIANA UNIVERSITY

BLOOMINGTON, INDIANA

DEPARTMENT OF MATHEMATICS

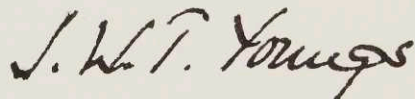
February 20, 1960

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

Dear Professor Wiener:

The object of this letter is to thank you for
your recommendation on the behalf of Masani,
and to tell you ~~of our~~^{with} pleasure that he is
joining us next year.

Cordially yours,



J. W. T. Youngs
Chairman

JWTY:maj

WÖRTERBUCH DER SOZIOLOGIE

HERAUSGEGEBEN VON

DR. WILHELM BERNSDORF UND PROF. DR. FRIEDRICH BÜLOW

FERDINAND ENKE VERLAG STUTT GART

REDAKTION:
DR. WILHELM BERNSDORF

BERLIN-CHARLOTTENBURG 9, 22. Februar 1960
FREDERICIASTRASSE 27/IV
TELEFON: 92 46 94

Prof. Norbert Wiener
University of Cambridge
Cambridge, Mass., U.S.A.

Sehr geehrter Herr Professor Wiener,

Ich arbeite gegenwärtig an der zweiten Ausgabe des Wörterbuchs der Soziologie, das zuerst 1955 im Stuttgarter Ferdinand Enke Verlag erschien. Das Buch soll gründlich modernisiert und um zahlreiche Stichwörter bereichert werden. Für die Planung wurde ein erweitertes Herausgeber-Komitee gebildet, dem bis jetzt die folgenden Kollegen angehören: Prof. Adorno, Prof. Horkheimer, Prof. René König, Prof. Schelsky, Prof. Ralf Dahrendorf, Prof. Francis, Prof. Mühlmann, Prof. Bert F. Hoselitz, Prof. Kunio Odaka, Prof. Stanislaw Ossowski. Je einen französischen und englischen Kollegen hoffe ich noch zu gewinnen.

Auch die Mitarbeiterschaft des Buches wird sich international zusammensetzen, viele Gelehrte aus Europa und Amerika haben mir bereits ihre Mitwirkung zugesagt.

Ich würde mich sehr freuen, wenn ich auch Sie zu den Mitarbeitern des neuen soziologischen Wörterbuchs zählen dürfte. Ich möchte Sie bitten, die Bearbeitung der beiden Stichwörter "Kybernetik" und "Semantik" zu übernehmen, für die im ganzen 3-4 Druckseiten vorgesehen sind (im Seitenformat der ersten Auflage; eine Probeseite wird dem Mitarbeiter-Vertrag beiliegen). Den Artikeln soll eine Bibliographie der wichtigsten Werke über das Thema angefügt werden. Als Abgabetermin wäre mir der Herbst des Jahres (September/Oktober) recht.

Mit den besten Empfehlungen
Ihr sehr ergebener

Wilhelm Bernsdorf

[Ans 3-7-60]

Ст. научный сотрудник
Канд. техн. наук
Г.Н.Поваров
Лаборатория систем
передачи информации
АН СССР
Москва Е-123
шоссе Энтузиастов 156

Sr. Research Worker
Cand. of Tech. Sciences
G.N.Povarov
Laboratory for
Information Transmitting
Systems, Academy of
Sciences of USSR
Moscow E-123, Yosse Entuziastov
156

February 22, 1960.

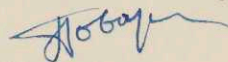
Dear Professor Wiener:

Some time ago I sent you the Russian translation of your book "Cybernetics". This translation had been made under my editorship in a publishing house of Moscow. I hope you should have received the package with the book.

What cybernetics can be is no simple question. As far as I know, everyone has his own opinion in these matters. Somebody says cybernetics is a new science, somebody says it is a new fiction. In my opinion, the cybernetics of today has yet a heuristic appearance rather than a categorical one. In any case, you make something grow which is worth discussing, and to discuss is the job of scientists.

I hope that our translation should be exact, although, of course, it is no simple job to translate a book where so many topics from Mathematics, Engineering, Physics, Biology etc. etc. are fused in such a complex whole.

Sincerely yours,



G.N.Povarov

Prof. Norbert Wiener
Massachusetts Institute
of Technology
Cambridge, Mass., USA

[ms 3/18/60]

Dear Dr. Wiener —

23 Feb. 1960

1. We were chatting in a group of 5 scientists, you and I, and 3 others. One of the others indicated that he would be pleased to have you come out west to give a talk at a certain Atomic installation.

2. Your response was that you were sorry but you were not cleared. He indicated that the guest speaker is always cleared. You told him clearly that you had not cleared yourself..... and that those who would encircle themselves with a wall to keep some out cannot get others to come in at all.

3. When I heard this retort I said nothing aloud, but within myself I knelt down and thanked the good Lord for such stalwart men as you.

4. And now again I meet you thru your article on pgs. 26-27 of the Technology Review. And

Again I thank God for such stalwart men and hope to model myself in this form.

Very truly yours,

Al de Graffenried

Senior Research Engineer

AVIEN, INC.,

58-15 Northern Blvd.,

Woodside 77, N. Y.

SOUTHWEST RESEARCH INSTITUTE

8500 CULEBRA ROAD

SAN ANTONIO 6, TEXAS

February 23, 1960

Dr. N. Weiner
Professor of Mathematics
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dear Dr. Weiner:

I think you will be interested to know that acceptances for "The Psychophysiological Aspects of Space Flight" symposium, sponsored by the School of Aviation Medicine, USAF Aerospace Medical Center (ATC) include, Dr. N. Kleitman, Dr. Philip Solomon, Dr. Franz Halberg, Dr. James G. Miller and Dr. F. John Lewis.

The topic which you have been asked to present a paper on might be outlined as follows:

IV PROBLEMS OF HUMAN RELIABILITY

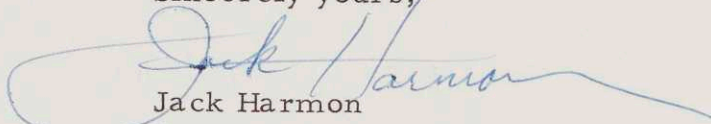
B. Performance Under Adverse Conditions

Performance and Dynamics of Stress: Intellectual Functions - Dr. N. Weiner

An analysis of the more complex functions of information processing and decision making in the human operator of space systems under the stress of adverse conditions.

We sincerely hope that you will be able to accept the invitation and look forward to hearing from you.

Sincerely yours,



Jack Harmon
Symposium Coordinator

k

cc: Lt. Col. B. Flaherty



[ans 2/29/60]

2190 Sanberry Lane
San Rafael, Calif
23 February, 1960

Dear Professor Wiener,

I enjoyed very much your article in the most recent Technology Review. Reading it brought back memories of a class in philosophy which you taught & I attended back around 1945. These memories gave me the courage to write you, inasmuch as I know that you are a very busy man.

I have a question, or suggestion, if you will, in the field of nuclear physics. This is not my field. I am a chemical engineer and there is no one else I can refer my idea to. Briefly it is this: is there a possibility that there is a fourth field involved in nuclear events, in addition to the gravitational, magnetic, and electrostatic, this fourth field having two properties - one, of decaying relatively slowly after the event which created it, the other - of inhibiting a recurrence of the same type of event which created it. This field thus differs from the magnetic and electrostatic ones which are assumed to propagate and

decay with the speed of light. my proposed new field is my attempt to account for the apparent randomness of spontaneous radioactivity. Thus any given decay reaction, poisons its immediate area for a certain time following with respect to another similar event. I realize that there must be a certain amount of energy associated with this field. and to this extent my proposed field competes with one or more of the strange new particles invented to preserve an energy balance.

Well, that's my idea, I can't put it into equations. ~~I believe you can see that, according to this view,~~ Please feel free to ignore this letter, if my theory is completely absurd. I'm way out of my field, but a recent article in Scientific American suggested that the next breakthrough might well come from someone not familiar with nuclear physics.

Anyway, thank you for your time in reading this.

Sincerely

Robert J. Donnell '46

[ans 3/21/60]

HARVARD UNIVERSITY
CAMBRIDGE 38, MASS.

DEPARTMENT OF MATHEMATICS
2 DIVINITY AVENUE

February 24, 1960

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

Dear Norbert:

Will you please check your
title. I will write again later.

Sincerely,

Garrett

Garrett Birkhoff

GB/lbs
encs.

*1
20524*

HARVARD UNIVERSITY
Department of Mathematics
2 Divinity Avenue
Cambridge 38, Massachusetts

February 23, 1960

Dear Colleagues:

Having received only favorable comments so far, I am proceeding to invite the four men named below to make official comments at our Symposium, one at the end of each Session. The titles I have proposed are still tentative, but all men except Hopf have agreed to comment if invited.

I believe we will have enough funds to meet any travelling expenses involved, where these cannot be met from contract or other funds.

Sincerely yours,

Garrett Birkhoff

GB/lbs

OFFICIAL COMMENTATORS on SESSIONS

- I. R. Donnelly, "Experimental data on instability limits"
- II. M. St. Denis, "Steering of ships in irregular seas"
- III. E. Hopf, "Historical remarks on turbulence models"
- IV. N. Wiener, "Harmonic analysis of brain waves"

SYMPOSIUM ON HYDRODYNAMIC INSTABILITY
AND RELATED PROBLEMS

Hotel New Yorker: April 14-15, under the auspices of the
American Mathematical Society

I. STABILITY OF CONTINUOUS FLOWS. Chairman: K. Friedrichs
(10:00-12:15, Thursday)

1. Boundary layer instability (C.C. Lin and D.J. Benney)
2. Hydrodynamic stability and the initial value problem (K.M. Case)
3. Flow between rotating cylinders in hydrodynamics and hydromagnetics (S. Chandrasekhar)
4. Stability theory in plasma physics (M. Rosenbluth)

Comments: Experimental data on instability limits (R. Donnelly)

II. STABILITY AND STATISTICS OF DISCONTINUOUS FLOWS.
(2:00-4:15, Thursday) Chairman: J. J. Stoker (?)

1. Helmholtz and Taylor instability (G. Birkhoff)
2. Generation of water waves by shear flows (J. Miles)
3. Resonance phenomena in gravity waves (O.M. Phillips)
4. Statistical geometry of random surfaces (M.S. Longuet-Higgins)

Comments: Steering of ships in irregular seas (M. St. Denis)

III. STATISTICAL APPROACHES. Chairman: E. Hopf
(10:00-12:15, Friday)

1. Statistical mechanics of continuous media (J. Kampé de Fériet)
2. Propagation through stochastic media (J. Keller)
3. Stochastic models for turbulence (R. Kraichnan)
4. Statistical stability of many-body systems (S. Ulam)

Comments: Historical remarks on turbulence models (E. Hopf)

IV. CONTROL OF INSTABILITY. Chairman: N. Wiener
(3:15-5:30, Friday)

1. Asymptotic stability criteria (J.P. LaSalle)
2. Stochastic variational processes (R. Bellman)
3. Control of linear systems (B. McMillan)
4. Control of randomly varying linear dynamical systems (R.E. Kalman)

Comments: Harmonic analysis of brain waves (N. Wiener)

SYMPOSIUM ON HYDRODYNAMIC INSTABILITY
AND ITS STATISTICAL ANALYSIS

Hotel New Yorker: April 14-15, under the auspices of the
American Mathematical Society

I. STABILITY OF CONTINUOUS FLOWS. Chairman: K. Friedrichs
(10:00-12:15, Thursday)

1. Boundary layer instability (C.C. Lin and D.J. Benney)
2. (Hydrodynamic instabilities with mixed spectra?) (K. Case)
3. Flow between rotating cylinders in hydrodynamics and hydromagnetics (S. Chandrasekhar)
4. Stability theory in plasma physics (M. Rosenbluth)

II. STABILITY AND STATISTICS OF DISCONTINUOUS FLOWS.
(2:00-4:15, Thursday) Chairman: J. J. Stoker (?)

1. Helmholtz and Taylor instability (G. Birkhoff)
2. Generation of water waves by wind (J. Miles)
3. Resonance phenomena in gravity waves (O.G. Phillips)
4. Statistical dynamics of ocean waves (M.S. Longuet-Higgins)

III. STATISTICAL APPROACHES. Chairman: E. Hopf
(10:00-12:15, Friday)

1. Random solutions of partial differential equations and statistical mechanics of continuous media (J. Kampé de Fériet)
2. Propagation through stochastic media (J. Keller)
3. A statistical model for turbulence (R. Kraichnan)
4. Statistical stability of many-body systems (S. Ulan)

IV. CONTROL OF INSTABILITY. Chairman: N. Wiener
(3:15-5:30, Friday)

1. Asymptotic stability criteria (J.P. LaSalle)
2. Stability and control of random functions (R. Bellman)
3. Control of linear systems (B. McMillan)
4. Control of randomly varying linear dynamical systems (R.E. Kalman)

330 4TH ST. S.E.
Puyallup, Wash.

February 24, 1960

Dear Dr. Wiener:

I am writing to you in the hope you can enlighten me about cybernetics.

I am a student of electronics and have been interested in electronic computing machines for a long time. I can find no books on the subject and my teacher is too busy to help me. I read the article in the March issue of Science Digest about cybernetics and have become very interested in the machines called "Elmer" and "Elsie". I would like very much ^{to} to build one of these. However, I do not have any idea how to even start.

I would also like to know how mathematics apply in the building of these machines.

I am designing a gadget that will respond to certain musical tones to open a safe or a ~~door~~ vault. Would this be in the field of cybernetics?

I would very much appreciate any information you could give me or any references that will help me.

Yours respectfully
Douglas Hinton

[ans 3/21/60]

PURDUE UNIVERSITY

SCHOOL OF INDUSTRIAL MANAGEMENT
LAFAYETTE, INDIANA

February 24, 1960

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

Dear Professor Wiener:

Some time ago Professor Robert E. Machol, Associate Professor of Electrical Engineering, wrote to you to ask you to participate in our annual symposium on Information and Decision Processes. We have been very proud of these conferences, with a distinguished list of speakers including George W. Brown, Herman Chernoff, J. L. Doob, Wassily Hoeffding, David Rosenblatt, Claude Shannon, Milton Sobel, Patrick Suppes, Lionel Weise, and Jacob Wolfowitz. We would be honored if you could participate in the conference to be held in April 1961. Indeed, we are inclined to think that your participation is so critical to the success of the conference that if you can't participate we will not schedule it.

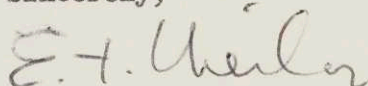
This conference brings together outstanding scholars in this field from all over the country, and I think you would be gratified at the reception your paper would receive.

Transportation from Boston to Purdue is now quite easy. There are non-stop flights from Boston to Chicago, and we shall have a driver at the Chicago airport to drive you to Purdue.

In the past we have paid our speakers honoraria in the neighborhood of \$150 to \$200 (and expenses). However, because your participation is so crucial to the success of this conference I should like you to indicate the honorarium you think would be appropriate.

Again let me say that the faculty and the President of Purdue University are all hoping that you will consider this request favorably.

Sincerely,



E. T. Weiler
Dean

ETW/mjt

[ans 2/29/60]

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Prof. [Signature]

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МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ РАДИОВЕЩАНИЯ И ТЕЛЕВИДЕНИЯ
国 际 广 播 和 电 视 组 织
ORGANISATION INTERNATIONALE DE RADIODIFFUSION ET TELEVISION
INTERNATIONAL RADIO AND TELEVISION ORGANIZATION
INTERNATIONALE RUNDFUNK- UND FERNSEHORGANISATION

Prof. Norbert Wiener,
Massachusetts Institute
of Technology,
C a m b r i d g e ,
Mass. USA

February 25, 1960

Dear Sir,

The International Radio and Television Organisation (OIRT) organises an opinion poll on three questions addressed to outstanding scientists throughout the world. The replies will be broadcast in the framework of an international series of broadcasts, sponsored by our Organisation, entitled "Science for Peace".


We should be very happy if you would be good enough to send us your personal opinion on the three following questions :

- 1) What discovery made during the last ten years in your particular sphere of science, do you consider to be the most important ?
- 2) What does this discovery mean, in your opinion, for other **applied sciences** and what are its practical applications ?
- 3) What can be done in your opinion in your branch of science for the happiness of mankind when the menace of war is eliminated ?

In anticipation of your kind co-operation, we would ask you to send your replay to the OIRT General Secretariat, 15, Liebknechtova, Prague 16, by March 20, 1960.

Thanking you, we remain

Yours faithfully,


J. Hřebík,
OIRT General Secretary

Adresse: 15, Liebknechtova, Prague 16

Tél: 416-60, 423-64, 497-71

[ans 3/14/60]

Saturday Review

25 West 45th Street
New York 36. N. Y.

John Lear
Science Editor

February 25, 1960

Dear Professor Wiener:

Except for a very few minor cuts that had to be made to fit our space, you'll find on pages 54 and 55 of the enclosed copy of the Saturday Review a reproduction of the piece you wrote for The Technology Review on the subject of the scholar's duty. I'd be pleased if this would encourage you to contribute original ideas to our Science Section.

Our usual check for a hundred dollars will be on its way to you shortly.

Sincerely,



Professor Norbert Wiener
Massachusetts Institute
of Technology
Cambridge, Mass.

jl:rs

Enclosure: March 5th issue of Saturday Review

[ans 3/2/60]

Gesellschaft Deutscher Naturforscher und Ärzte e. V.

Der Generalsekretär
Prof. Dr. H. J. ANTWEILER

BONN, den 26.2.60
Meckenheimer Allee 168
~~Fernruf 32090 und 52421~~
Fernruf 31961 und 53588

Herrn
Professor Dr. N. Wiener
Department of Mathematics
Massachusetts Institute of Technology
Cambridge 39, Mass.
U. S. A.

Sehr geehrter Herr Professor Wiener!

Im Anschluß an Ihre freundlichen Zeilen vom 15.2.1960 an Herrn Heckmann, Hamburg, sende ich Ihnen als Anlage das vorläufige Programm der 101. Versammlung unserer Gesellschaft in Hannover.

Sie sehen aus diesem Programm, daß Ihr Vortrag auf den 26. September - das ist der Montag - auf den Vormittag 9.55 Uhr festgelegt ist. Eine Änderung dieses Termines ist in höchstem Maße unwahrscheinlich - und wenn, so kann es sich höchstens um eine Späterlegung um maximal 27 Stunden handeln.

Mit der gleichen Post habe ich auch eine Anfrage von Herrn Dr. A. Capozio, Neapel, beantwortet, der mich bat, ihm den Termin Ihres Vortrages in Hannover durchzugeben.

Darf ich Sie bitten, sehr geehrter Herr Professor Wiener, sich in irgendwelchen Fragen, die die Organisation der Versammlung betreffen an mich zu wenden.

Mit freundlichen Grüßen

Ihr sehr ergebener

Hermann Fuhrer ✓

Timm Krumnack
Nienburg/weser
Ernstingstr. 15
Germany

26. 2. 1960

Dear Mr. Wiener,

Within a few days I am going to finish school and I intend to attend the university with the view to work later on, after completion of the study, in kybernetics.

I tried to obtain an information as to which is the best preparation for this job from "Mathematischer Beratungs- und Programmierungsdienst Dortmund" and they gave me the advice to contact you.

I should be very much obliged to you if you would advise me which specialisations are possible or necessary and which choice of study you would recommend.

I am looking forward to your answer

Yours sincerely

Krumnack

[ans 3-2-60]

February 26, 1960

Mr. Peter Benes Felsberg
c/o Director's Office
Wilbraham Academy
Wilbraham, Mass.

Dear Mr. Felsberg:

Professor Wiener has agreed to see you on Wednesday, March 9, as we had tentatively decided, and does not object to the tape-recording of his interview. I suggest, as you had proposed, that you have your questions well prepared so as to save him some time and energy, but think that you will find your talk with Professor Wiener a rewarding experience.

3:00 p.m. would be the most convenient time.

Sincerely yours,

Eva-Maria Ritter (Mrs.)
Secretary to Prof. Wiener

February 26, 1960

Mr. Leon Goldenthal
Stephen Foster Hotel-Motel
63rd Street
Miami Beach, Florida

Dear Mr. Goldenthal:

Thank you for your interesting letter of February 13. I remember very well the great interest my father had in the work of Morris Rosenfeld. Actually, my father translated his book of poems into English and thought very highly of them. I am very interested that you are in the possession of material concerning my father and his relation with Morris Rosenfeld.

Best wishes for the success of your literary undertaking.

Sincerely yours,

Norbert Wiener

NW/emr

den 26. 2. 1960

Herrn
Prof. Dr. Otto Heckmann
Hamburger Sternwarte
Hamburg-Bergedorf
Gojenbergsweg 112

Sehr verehrter Herr Kollege:

Vielen Dank für die prompte Beantwortung unserer Anfrage wegen des Zeitpunkts meines Vortrages.

Auf Ihre Anfrage nach dem Thema meines Vortrages vor der Gesellschaft deutscher Naturforscher und Ärzte, möchte ich Ihnen mitteilen, dass ich die Eigenschaften selbstorganisierender und lernender Systeme besprechen möchte und die biologischen, sowie technischen, Anwendungen dieser neuen Ideen betonen werde. Im Augenblick beschäftige ich mich mit der Revision meines Buches Die Kybernetik und mit dem Herausgeben einer neuen Auflage. Das Buch wird viel neuen Stoff über die hier erwähnten Ideen enthalten.

Ich freue mich sehr, diese Gelegenheit zu haben, vor Ihrer Gesellschaft zu sprechen und mit meinen deutschen Fachgenossen in Kontakt zu kommen und empfinde Ihre Einladung als eine grosse Ehre.

Mit den besten Grüßen und in der Hoffnung, dass Ihre Versammlung in München erfolgreich sein wird

Ihr sehr ergebener

Norbert Wiener

NW/emr

den 26. 2. 1960

Herrn v. Wehrenalp
Econ-Verlag GMBH
Verlagsleitung
Düsseldorf
Pressehaus
Postschliessfach 1102

Sehr geehrter Herr v. Wehrenalp:

Auf Ihre Bitte vom 25. 1. dieses Jahres, Ihnen einen kleinen Beitrag für Ihren Almanac zu schreiben, möchte ich erwähnen, dass es mich sehr freut, soviel Interesse für meinen Roman zu finden, und erkläre Ihnen nachstehend - gemäss Ihrer Bitte - warum ich den "Tempter" geschrieben habe.

Vor einigen Jahren wurde ich von einem amerikanischen Verlag gebeten, ein Buch über Patente und Erfindungen zu schreiben. Da ich in diesem Gebiet kein Fachmann bin, erschien es mir richtiger, meine Meinung und Ansichten in einem Roman anstatt in einem technischen Buch auszudrücken.

Ich hatte mich schon jahrelang für einen bedeutenden Patentstreit interessiert, und es kam mir der Gedanke, dieses Thema zu einem Roman auszuarbeiten. Ich habe die Schreibarbeit während meiner Sommerferien unternommen und mit der freundlichen Hilfe meines Redakteurs Jason Epstein endlich den Stoff in eine ziemlich organisierte Form bringen können.

In der Hoffnung, dass Ihnen diese paar Zeilen genügen, bin ich mit den besten Wünschen

Ihr sehr ergebener

Norbert Wiener

NW/emr

1908 State St

Santa Barbara Calif

28 February 1960

Dear Dr. Weiner:

You are a novelist. Let there be no mistake about that. I needed only two days to finish the TEMPTER, whereas I often abandon in boredom the works of men far more eminent in the writing field. Now, hoping that I have flattered you enough, I shall proceed to the point. I am an electronic engineer, aged 32, and wish to steer my career toward fields which are primarily mathematical. To accomplish this it is necessary that my mathematical background be greatly broadened. I am writing to ask that you suggest -in as much detail as you wish- a course of study by which this end may be achieved.

I desire to prepare myself for either of two fields:

- a) One of the new areas based on probability theory such as Operations Research, Dynamic Programming or Theory of Games.
- b) Adaptive control processes or learning machines.

The mathematics I have acquired since graduation (Case Institute of Technology, 1949) are Vector Analysis, Advanced Calculus, Laplace Transforms, Matrix Algebra and Probability Theory (now in session. Therefore, knowing both my present background and my goal, could you outline a plan of study consisting of formal courses and/or of home reading. The courses could be taken at UCLA. Please bear in mind, however, that I shall have to continue working full time. Thus, any courses must be taken

at night. Nine units would be the maximum permissible load in any semester.

By way of general information, I shall receive an M.S. from UCLA in June. My electronics experience is strongly oriented toward digital computers.

One final favor. I would like to begin a survey of the firms and institutions working in the fields I have mentioned. Can you suggest a suitable source of information.

To conclude, I am an electronic circuit designer who is becoming slightly bored with "hardware" and yearns to ascend to the more rarified realms of the abstract. If you can spare the time to tell me what I wish to know, you will have earned the deep gratitude of a man whose career you have helped to advance.

Yours very sincerely,

Richard Phillips

Richard Phillips

[ans 3/21/66]

The Technology Press



MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CAMBRIDGE 39, MASSACHUSETTS

February 29, 1960

Professor Norbert Wiener
M. I. T. 2-276

Dear Norbert:

Some time ago you asked if we could get some extra copies of Professor Dennis Gabor's "Inaugural Lecture." I have managed to get four copies, which I enclose. I hope you find them useful.

Very truly yours,

A handwritten signature in cursive script that reads "Lynwood Bryant".

Lynwood Bryant
Director

LB:cp
Encls.

{ans 3/11/60}

UNIVERSITY OF NEW HAMPSHIRE
DURHAM, NEW HAMPSHIRE

THE VICE-PRESIDENT AND PROVOST

February 29, 1960

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

Dear Professor Wiener:

We are looking forward eagerly to your visit on our campus during the week of March twenty-eighth. President Johnson left last week for a quick trip to Nigeria as the American representative on a council for the establishment of a new university there. He asked me to pass along to you some of our thinking about the details of your visit.

Perhaps the best way to approach a description would be chronologically. Here is what we have in mind:

Monday, March 28

Approximately 3:30 p.m.	We will send a University car to meet you in Cambridge and to bring you to the Sherwood Motel in nearby Dover, New Hampshire, where you will be staying during your visit.
Approximately 5:30 p.m.	Arrive at motel, register, unpack, etc.
6:30 p.m.	Dinner with the small group of deans and faculty members in charge of your visit.
8:00 p.m.	Remarks of approximately 20 to 30 minutes in length at an open meeting of the University Senate (our faculty legislative body). As a topic we suggest something like "The Organization Man in the University." In these remarks you may wish to include some observations on academic freedom and faculty perogatives. You may know that this University was awarded the first Alexander Meiklejohn Award by the national American

Professor Norbert Wiener
February 29, 1960
Page Two

Association of University Professors for statesmanship in matters of academic freedom. It's a continuing struggle in conservative New Hampshire!

8:30 p.m.

Informal discussion and coffee hour.

Tuesday, March 29

11 a.m. to 1:30 p.m.

Informal discussion and luncheon with members of our special faculty committee on Academic Programs and Teaching Methods. This group is endeavoring to find ways and means of teaching more students in the future without increasing substantially the number of teachers or decreasing in any way the quality of the enterprise.

Mid-afternoon

Informal seminar with members of the Department of Mathematics and other related departments. Dr. M. Evans Munroe is chairman of the department.

6:00 p.m.

Dinner and informal discussion at one of our fraternities or sororities.

Wednesday, March 30

10 to 11 a.m.

Meet with mathematics class in Measure Theory.

Luncheon

With members of the Department of Mathematics.

Mid-afternoon

Informal seminar with members of the Department of Psychology. Suggested area of discussion: "The Human Use of Human Beings".

6:00 p.m.

Dinner and informal discussion with members of Psi Chi, honorary society in psychology.

Professor Norbert Wiener
February 29, 1960
Page Three

Thursday, March 31

Morning

Free

12 noon

Luncheon with a small group of students

1:00 p.m.

University Convocation - lecture of approximately 40 to 50 minutes on a topic of your choice. The convocation is held in New Hampshire Hall with an audience of students and faculty members usually numbering between 500 and 800. The lecture should be on the "popular" side since the audience will be composed of men and women studying in a wide variety of fields.

3:30 - 4:30 p.m.

Informal coffee hour in Memorial Union and discussion with any interested on questions raised by the lecture

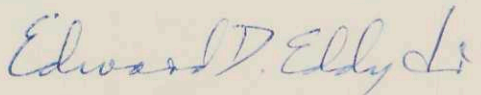
5:00 p.m.

University car will return you to Cambridge.

While you are with us, we will plan to have you stay at the Sherwood Motel in nearby Dover where you can get away from some of us from time to time! I hope you will give me your frank reaction to this schedule. You will note that most of it requires no advance preparation. The only two formal presentations would be on Monday evening to the faculty and on Thursday afternoon to a University-wide group. If this is agreeable to you, perhaps you could suggest a title so that we might begin the publicity. It would be helpful also if we could have a glossy photograph for release to the newspapers.

Please don't hesitate to telephone collect or to write if any questions occur to you. I'll look forward to hearing from you soon.

Cordially,



Edward D. Eddy, Jr.

289 Caroline St.
Fall River, Mass.

Feb. 29, 1960

Dear Dr. Wiener,

I collect autographs and
I'd be very happy if you would
send me yours so that I may
add it to my list. Thank you.

Yours truly,
Edmund Rogue

[ans 3/16/60]

le 29 fevrier 1960

Mr. A. Csaszar
Institute of Mathematics
Hungarian Academy of Sciences
Budapest, Hungary
V. Realtanada n.13-15

Monsieur et Cher Colleague,

Je suis en train d'ecrire une article sur les problemes d'echan-
tillons d'analyse harmonique generalisee. C'est en theme avec beaucoup
d'interet pratique, par exemple dans l'etude des electroencephalogrammes
dans la theorie des modulations par frequence. Parce que mes investiga-
tions font beaucoup d'emploi de la sommation Cesaro, je crois que le
travail est bien approprie au volume devoue a la memoire du feu Leopold
Fejer.

Veillez agreer, Monsieur, l'expression de mes sentiments
distingues.

Norbert Wiener

NW/emr

February 29, 1960

Mr. Jack Harmon
Southwest Research Institute
8500 Culebra Road
San Antonio 6, Texas

Dear Mr. Harmon:

Thank you for your letters of February 5 and 23 in which you invited me to participate in the symposium the School of Aviation Medicine is planning for the end of May of this year.

Although I find your tentative program highly interesting and of great importance, I am unfortunately forced to decline as the end of May will find me in the midst of preparations for my trip to Europe where I shall stay till February 1961.

With best wishes for a successful symposium,

Sincerely yours,

Norbert Wiener

NW/emr

February 29, 1960

Mr. K. C. Kusmer
2
4445 Tujunga Street
No. Hollywood, Calif.

Dear Mr. Kusmer:

Prof. Wiener wishes me to thank you for your letter of February 9 in which you requested an evaluation by Prof. Wiener of the device you said you had which might be of help in guiding a satellite.

Unfortunately, Prof. Wiener is not only very busy with lectures and his own research, but feels moreover that this is a problem which is slightly out of his reach and which might require more investigation than he might be able to devote some time to.

I am sorry, therefore, that Prof. Wiener won't be able to help you in this matter, but do hope that you will succeed in interesting the proper authorities in your project. And-- as a personal response to your last line-- please, don't go to the Russians!

Sincerely yours,

Eva-Maria Ritter (Mrs.)
Secretary to Prof. Wiener

February 29, 1960

Prof. Aldo Masturzo
Societa Internazionale di
Medicina Cibernetica
Napoli
Via Roma, 348
Italia

Dear Prof. Masturzo:

Thank you for your immediate reply to my worried request to postpone the date of the International Symposium for a few days, if possible.

With the new dates of October 2, 3, and 4, it seems that there is adequate time for Prof. and Mrs. Wiener to reach Naples for at least the sessions of the fourth, barring unforeseen obstacles.

Thank you, too, for your thoughtful concern and assurance to make Prof. and Mrs. Wiener's stay in Naples a comfortable and agreeable one.

Sincerely yours,

Eva-Maria Ritter (Mrs.)
Secretary to Prof. Wiener

February 29, 1960

Mr. Donald A. Metts
Evening Division
Monterey Peninsula College
P. O. Box 1231
Monterey, Calif.

Dear Mr. Metts:

Thank you for your letter of February 18, in which you invited me to be one of your speakers for your Evening Lecture Series this fall.

I feel honored by your interest but must decline your generous offer as the fall semester 1960-61 will find me in Naples, Italy, where I shall be lecturing until February, 1961, at the University.

Sincerely yours,

Norbert Wiener

NW/ear

February 29, 1960

Mr. Irvin B. Schwartz
Executive Director
Postgraduate Center for Psychotherapy
218 E 70 Street
New York 21, N.Y.

Dear Mr. Schwartz:

Please forgive me for only now finding time to answer your and Dr. Wolberg's invitation to participate in the fourth international lecture series of your Center on March 15.

Although I am highly interested in the subject of this series, I find that I must decline due to a very crowded schedule this March and April.

With best wishes for a very stimulating discussion,

Sincerely yours,

Norbert Wiener

NW/omr

February 29, 1960

Prof. E. T. Weiler
School of Industrial Management
Purdue University
Lafayette, Ind.

Dear Prof. Weiler:

Thank you for your invitation of February 24, to participate in your annual symposium on Information and Decision Processes next year. I shall be delighted to come in 1961.

I am very much complimented by your letter and shall try to have something new to say by that time.

Sincerely yours,

Norbert Wiener

NW/emr