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CORRESPONDENCE *Jan. 1964*

N. WIENER - MC 22

*You are cordially invited to be among the honored guests
on the dais at the public tribute to
Dr. Linus C. Pauling
on his return from Oslo following the presentation
to him of the 1962 Nobel Peace Prize.*

*The tribute, sponsored by Bertrand Russell,
Dr. Albert Schweitzer, Dr. Albert Szent-Gyorgyi,
Dr. Harlow Shapley, Dr. J. Robert Oppenheimer,
Dr. Harold Taylor, Norman Cousins, Norman Thomas,
Dr. Norbert Wiener, Dr. Corliss Lamont, Gerard Piel,
Dr. L. C. Dunn, Hon. Gunnar Jahn (Chairman of
Norway's Nobel Committee), and others
will be held in the Grand Ballroom of the Hotel Astor
Broadway and 45th Street, New York City
on Wednesday, 8 January 1964, at 8:00 p.m.*

*R. S. V. P.
154 Nassau Street
New York 38, N.Y.
Cortland 7-1740*

*Please join us at 7:45 p.m. in the Rose Room
Auspices: The Minority of One*

[and 1/8/64]

Black to opticon



Cambridge University Press
American Branch

requests the pleasure of your company
at a cocktail party in honour of

Edward U. Condon

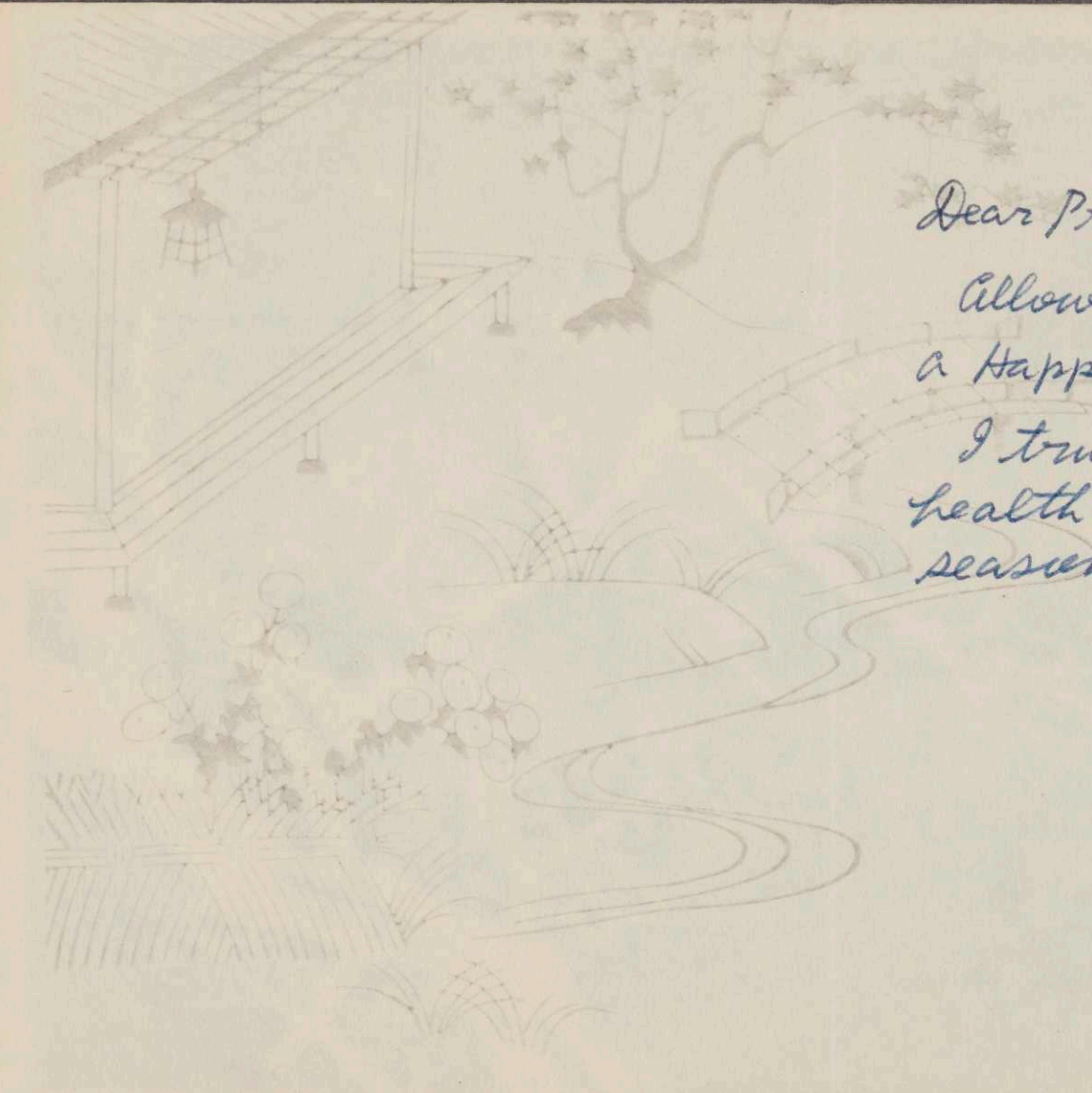
at the meeting of the American Physical Society
and the American Association of Physics Teachers

Statler Hilton Hotel, Hudson and Sutton Suites, first floor
on Thursday, January twenty third
at five-fifteen

R.s.v.p.

Miss Miriam Firestone
32 East 57th Street
New York 22, N. Y.

*Answered
Jan 7, 63*



January 1964

Dear Prof. Wiener,

Allow me to wish you
a Happy New Year.

I trust you are in good
health in this happy
season.

Yours sincerely,

K. Suhara
Tokyo University
of Education





THE EUCLIDEAN RESEARCH, DESIGN AND INVENTION GROUP

LOS ANGELES,
CALIF.

PITTSBURGH,
PENNA.

ANTONIO-EUCLID C. VILLA-REAL, M.T.
GROSS-MILLER MED. LAB.
(MEMBER) UNITED INVENTORS &
SCIENTISTS OF AMERICA

ERNESTO RODIS, M.D.
DEPT. OF SURGERY,
MERCY HOSPITAL
PITTSBURGH, PENNA.

ANTONIO JUAREZ REYES
CHIEF LAB. TECH.
HOLLYWOOD PRESBYTERIAN HOSPITAL
LOS ANGELES, CALIF.

AMADOR JIMINEZ, M.S.M.E.; B.S.E.E.
DOUGLAS AIRCRAFT CORP.
LONG BEACH, CALIF.

RETO KIND, PH.D., THERMODYNAMICS
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NATIONAL CASH REGISTER
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CARLOS NABLO, M.D.
MEDICAL ASSOCIATES
MANILA, PHIL.

CHUL HAHN, B.S. PHARM. M.T.
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BALTAZAR DISPO
LAS VEGAS, NEV.

PRISCILLANO V. PARILLA, M.D.
ST. ELIZABETH HOSPITAL
ELIZABETH, N. J.

MACK BROWN, O.D.
HOLLYWOOD PRESBYTERIAN HOSPITAL
LOS ANGELES, CALIF.

OLIVIA C. VILLA-REAL, M.A.
FAR EASTERN UNIV.
MANILA, PHIL.

543 N. HOOVER
APT 3, LOS ANGELES,
CALIF.

PROF NORBERT WIENER
DEPT. OF MATHEMATICS
MASSACHUSETTS INSTITUTE
OF TECHNOLOGY.
MASS.

DEAR SIR:

WE, MEMBERS OF THIS NEW GROUP WHO ARE
ENGAGED IN RESEARCH, DESIGN & INVENTION HAVE
READ A LOT ABOUT YOUR OUTSTANDING ACCOMPLISH-
MENTS IN THE FIELD OF CYBERNETICS, FOR
WHICH WE WILL BE GREATLY HONORED AND
SHALL BE MOST APPRECIATIVE SHOULD YOU
BECOME ONE OF OUR FUTURE ADVISERS.

OUR CHIEF OBJECTIVE IS TO BE ABLE
TO INTER-CORRELATE THE SCIENCE & TECHNOLOGY
OF SPECIFIC FIELDS OF ENGINEERING WITH BIOLOGY
AND MEDICINE IN ORDER TO VISUALIZE NEWER
PATTERNS OF SOLUTIONS THAT CAN BE CONSTRUCTIVELY
UTILIZED AS POSSIBLE RESOURCES FOR THE
DEVELOPMENT OF NEWER INVENTIONS ALONG THE
FIELD.



THE EUCLIDEAN RESEARCH, DESIGN AND INVENTION GROUP

(2)

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LOS ANGELES, CALIF.

OLIVIA C. VILLA-REAL, M.A.
FAR EASTERN UNIV.
MANILA, PHIL.

WE HAVE SEVERAL INVENTIONS
ALONG THE MEDICAL AND ENGINEERING
FIELDS FOR WHICH WE ARE BUSY
PREPARING FOR PATENT APPLICATIONS.

WE HAVE SEVERAL UNIQUE THEORIES OF
OUR OWN TOO WHICH WE SHALL
ENDEAVOR TO BE OF SOME FUTURE VALUE
TOWARD THE ADVANCEMENT OF SCIENCE
& TECHNOLOGY.

BECAUSE OF THE LATEST DEVELOPMENTS
ALONG THE FIELD OF MEDICINE & ENGINEERING
AND PHYSICS AND CHEMISTRY THERE RESULTS
AN INEVITABLE BUT CONSTRUCTIVE FUSION OF
THESE SCIENCES AND TECHNOLOGIES SO THAT
FROM NOW AND IN THE YEARS TO COME WE
NEED AND SHALL BE NEEDING ENOUGH PERSONNEL
TO TACKLE THE COMPLEXITIES THAT ^{SHALL} ARISE.
THEREFORE AS A YOUNG GROUP WITH NEW
ERA OF IDEAS WE SHALL BE NEEDING THE HELP
OF COMPETENT EXPERTS LIKE YOU FOR OUR
ADVISERS.

HOPING TO HEAR FROM YOU IN THE NEAR FUTURE
THANK YOU VERY MUCH.

SINCERELY YOURS,

ANTONIO-EUCLID C. VILLA-REAL
(FOUNDER)

Not answered

David Abel Carlin
921 Randolph St.; N.W.
Apt. # 3
Washington 11, D.C.
January 1, 1964

Dear Professor N. Wiener,

My name is David A. Carlin, a name which you of course immediately recognize as being unknown to you personally. But vice versa, you are one who is, of course, quite well known by many persons by virtue of the work you have done in contribution to the rest of the scientific world.

To advance directly to the central purpose for writing this correspondence to you, I shall go directly to the matter at hand.

I have read both copies--several times--of your autobiography, which I must commit myself to express the high degree of delightfulness I felt at the indulgence of this task. Professor Wiener, they will stand as inspirational monuments to light human minds of the future to come. Some biographies have this ability. Yours will be one of them. I especially enjoyed the intellectual medium of the books.

But to be to the point, my purpose of this letter is to have answered, by you, a question about your father, Mr. Leo Wiener, regarding his total of the number of languages which he knew. First, could you please tell me, if you know the answer, did your father transmit to you the exact number of languages he was familiar with to a high degree, if not intimately fluent to the average norm which one is able to use a language? And secondly, do you know exactly, the number of languages he was highly fluent with, to the level of fluency which one is normally fluent with one's own language? And thirdly, how many languages was he exceptionally fluent with on a very high level of intimacy?

- | | | |
|----------------------------|------|---|
| Familiar with | N(1) | ? |
| Normal fluency | N(2) | ? |
| Exceptional fluency | N(3) | ? |
| Any fluency(all languages) | N(4) | ? |

Carlin

Also along this line of questioning, I shall greatly be appreciative of your response if you could please tell me the name of the person and the total number of languages he learned, whoever he is, which, according to philological history is reputed to have mastered more languages than any other human mind known to date.

Any effort on your part to answer these questions for me will be very deeply rooted in the land of thankfulness. If you do not know certain answers, then nevertheless I appreciate the effort you made towards getting their answers.

Again I thank you very much professor Wiener.

Respectfully,
David A. Carlin



Postanschrift: Alfred Metzner Verlag · 6000 Frankfurt (Main) 1 · Postfach 2613

Stammhaus in Berlin
gegr. 1909

Herrn
Professor Norbert Wiener
Massachusetts Institute of Technology
Department of Mathematics

Cambridge 39, Mass.
U.S.A.

Ihre Zeichen

Ihre Nachricht vom

Unsere Zeichen

6000 Frankfurt (Main) 1

Hebelstraße 17

2.1.1964

m/ko

Betr. Werk "Mensch und Menschmaschine"

Hochverehrter Herr Professor Wiener!

Ich trage mich mit dem Gedanken, Ihr Werk "Mensch und Menschmaschine" in einer neuen Ausgabe, vielleicht auch mit einem geänderten Titel herauszubringen. Ich habe mich darüber mit einigen Herren, denen ein gewisser Sachverstand zukommt, unterhalten. Man ist der Meinung, dass im grossen und ganzen am Text des Buches nichts geändert zu werden braucht, dass es aber vielleicht ganz wertvoll wäre, wenn aus Ihrer Hand einige Zusätze aufgenommen werden könnten, durch die das Buch auf den neuesten Stand der Entwicklung der Kybernetik gebracht wird und andererseits auch den heutigen Stand der Entwicklung Ihrer Ideen wiedergibt. Vielleicht lässt sich so etwas auch durch Einfügung eines etwas längeren Vorwortes zur neuen Ausgabe machen.

Ich erlaube mir, Ihnen diese Anregungen vorzutragen und erwarte mit grossem Interesse Ihre Stellungnahme dazu.

Mit den schönsten Empfehlungen

Ihr Ihnen sehr ergebener

(Dr. Wolfgang Metzner)

[aus 1/8/64]

Send to Mr. Wiener



SIMON AND SCHUSTER, INC.

publishers

ROCKEFELLER CENTER, 630 Fifth Avenue, New York 20 • CABLE ADDRESS *Essandess* • TELEPHONE *Circle 5-6400*

January 2, 1964

Dr. Norbert Wiener
Department of Mathematics
Massachusetts Institute of Technology
Cambridge, Mass. 02139

Dear Dr. Wiener:

If the offer of the MIT Press is a firm one, and includes the reissuance of Ex-Prodigy in hard cover as well as paperback, you should, of course, accept their offer. We have no plans to do another hard cover edition, and in fairness to our other authors, we do not plan to enter into a bidding contest by raising the royalty rate of our paperback edition.

Please let me know what the decision is to be. If the MIT Press offers you a contract and you accept, I shall send you a formal reversion of rights; while if you wish us to go ahead with our own paperback edition, I shall want to get the wheels moving.

Very sincerely yours,

Henry W. Simon
Executive Editor

HWS:np

Mr. Wiener: I would write Simon as follows:

~~Dear~~ Mr. Simon:

Thank you for your letter of January 2. I have accepted the offer of the MIT Press and should therefore appreciate receiving the formal reversion of rights at your early convenience.

Sincerely,

[ans 1/17/64]

January 2, 1964

Dr. W. Reichardt
Direktor
Max-Planck-Institut für Biologie
Tübingen
Spemannstrasse 34
Germany

Dear Dr. Reichardt:

This work of Dr. Medina on the "Logical Analysis of Organisation in Finite Automata" seems to me to a continuation of the algebra of relations of Whitehead and Russell on the one hand, and of Schroeder on the other hand with the particular view to the computing machines of the present day. There is a considerable amount of past literature in this field which I think the author should refer to in footnotes. Besides the Principia Mathematica of Whitehead and Russell and the Graph Symbolism of Frege, some of the old work of Tarski and Wiener* should be mentioned.

Inasmuch as a number of different notations are used by different authors, I think it would be advisable for the author to orient his symbolism with respect to existing symbolism in the same field. Under these circumstances, I think that a considerable amount of shortening of the paper would help it. There is no doubt that there is good material here, but the subject has a history of 50 years or so which I do not think should be ignored. In the long run, the paper should be taken, but I think it needs a lot of editing.

Sincerely yours,

Norbert Wiener

NW/emr

*My Ph.D. thesis; and an article submitted to the Cambridge Philosophical Society in 1913 or 1914.

January 3, 1964

Dr. Gideon Carmi
Physics Department
Yeshiva University
Amsterdam Ave & 186th Street
New York 33, N. Y.

Dear Dr. Carmi,

You will remember that about 3 or 4 weeks ago, when you found that you'd not be able to keep the appointment we had decided on, we made another appointment for January 13.

Now I shall have to cancel the engagement, as in the meantime plans have been made by the White House to bestow the President's medals on the five recipients on exactly that day; I trust you know that Prof. Wiener is one of the five. Would it be possible to settle on some other day? Professor Wiener will be leaving for Europe on January 25 (from New York). Hoping to hear from you soon, and with best wishes for the new year,

Yours sincerely,

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

January 3, 1964

Professor Samuel S. Saslaw
Department of Mathematics
Naval Academy
Annapolis, Md.

Dear Sam:

I shall have to go down to Washington soon. Object: medal. We have so often spoken about our getting together that perhaps I may suggest that now is the time.

Margaret, Peggy and I shall be in Washington in the early afternoon of the 12th, and I shall receive the medal on the 13th. Can we find some way to come in contact with each other? We shall be staying at the Sheraton Park Hotel.

With best wishes from family to family,

Yours sincerely,

Norbert Wiener

NW/emr

January 3, 1963

Professor Yakov P. Terletsky
Department of Physics
Stanford University
Stanford, California

Dear Professor Terletsky,

Please accept my apologies for my delay in answering your letter of December 12, but between the holidays and quite a few visitors at my office there has not been enough time to attend to all obligations.

As to your work, I see no contradiction whatever between statistical mechanics and the idea that locally entropy may decrease. Strictly speaking, entropy is a statistical idea, and strictly local entropy is meaningless. As an example of this situation I think we need a more careful analysis of the Maxwell demon. In a purely mechanical system, not taking account of light, there is no way by which a gate between regions of greater and smaller entropy can be actuated by a mere collision of particles with that gate, in such a way as to produce a continuing perpetual motion machine. On the other hand, it is quite conceivable that such a gate can be actuated by a Maxwell demon which receives information in a non-mechanical way, say an optical way which will give the demon a perception of particles approaching the gate before they finally arrive at it. Fundamentally, I believe that such Maxwell demons do exist, as for example in processes of photo-synthesis in which light, let us say coming from the sun, is used to convey information to the demon. However, from a larger point of view, this sort of information can only be transferred when the light entropy of the system and the material entropy are different. In a medium in which light temperature is in equilibrium with material temperature, the demon would be blind and unable to receive information concerning the gas particles. Thus, for example, with black-body radiation in a furnace, we cannot visually distinguish the moving particles from the random radiation. In such a system, there can be no Maxwell demons. In other words, the Maxwell demon as it actually occurs in the process of photo-synthesis is in fact a thermal engine which runs between the material temperature and the radiation temperature which will, in general, be different. Such a machine will run effectively, but not for an indefinite time. Inasmuch as its ultimate tendency will be to convert material energy into radiative energy, until the two come into equilibrium where the machine will stop, I think the paradoxes about the Maxwell demon arise from such a partial conception of the equilibrium and that the solution is that the Maxwell demon is a machine which is always running down.

Professor Y. P. Terletsky -- 2

Before I send this paper on to Kolmogorov, I should like to hear what your opinion is about the questions raised here. In other words, I suspect that some of the difficulties which you either run into or seemingly avoid are real difficulties with the notion of equilibrium itself. In a partial thermodynamic equilibrium, Maxwell demons really do exist but cause no paradoxes. In a total equilibrium, Maxwell demons do not exist, because they will be blind and ineffective.-- Can you say something about your opinion of these points?

With best wishes for the new year,

Yours sincerely,

Norbert Wiener

NW/emr

January 6, 1964

Dr. Joseph Brainin
American Committee for the
Weizmann Institute of Science
515 Park Avenue
New York 22, N. Y.

Dear Dr. Brainin:

Many thanks for your cordial invitation of December 26 to join you at the Annual Weizmann Institute Dinner on February 6.

Although I should very much like to be among you on that day, my plans call for leaving for the Netherlands on January 25, from where I shall not return until Fall.

However, my best wishes for a very interesting and successful evening.

Yours sincerely,

Norbert Wiener

NW/emr

6 January 1964

Dr. Nathan Dechter
Executive Director
Hall of Education
Coliseum Tower
Ten Columbus Circle
New York City 19, N.Y.

Dear Dr. Dechter:

Many thanks for your invitation to participate in your
DIALOGUES IN DEPTH presentation during the New York's World's Fair
in 1964-65.

Unfortunately, I shall be abroad during that time and will not
be able to join you. However, my best wishes for a most interesting
and successful project.

Sincerely yours,

Norbert Wiener

NW/emr

January 7, 1964

Mr. Vaclav Chaloupka
U svobodarny 12
Prague 9
Czechoslovakia

Dear Mr. Chaloupka,

My difficulty with Esperanto lies in the fact that any language, natural or artificial, does not assume maturity and the ability to be used effectively for literary purposes or any other until it has gone through a considerable history of literary development.-- Language is necessarily as much a matter of idiom as it is of grammar. Until this idiom has crystallized out, the language is bound to be a relatively crude instrument for the expression of precise ideas and definite emotions. In other words, Esperanto or any other artificial language will need a considerable use by literary men with a certain unity of point of view before it becomes an adequate medium of expression. The use of Esperanto, entirely as a secondary language by a group of very varying literary traditions, is not conducive to this. In other words, I am of the opinion that before Esperanto is to become a really effective medium for anything but a highly formal communication, it will have to go into a historical development which will ultimately saddle the language with essentially the same problems which we find in existing languages. The internationalness of Esperanto is inevitably due to the fact that its standards are taken from other existing languages, so that it is condemned to a certain thinness. This is a problem which has been faced not only by artificial languages but by all natural languages in the stages of growing up. I have no doubt that an artificial language can develop a literary use and an appropriate system of idioms. But when this has happened, it will be scarcely more than one language among others and will lose its international character. For example, basic English has the same limitations and is highly unsuitable for literary use and even for precise scientific use.

My father was in a gymnasium at Warsaw at the same time that Zamenhoff was at another gymnasium in the same city. He thus was one of the early Esperantists. He became Professor of Slavic Languages at Harvard University and was a practiced translator, having translated the complete works of Tolstoi into English. As time went on, he became less and less sympathetic to Esperanto for essentially the reasons which I now state. As we say in English "you cannot have your cake and eat it, too". The very formlessness of an artificial language, which conduces to its international character, is an obstacle to its more refined use.

Sincerely yours,

Norbert Wiener

NW/emr

P.S. I should appreciate it if you would abstain from publishing my reply in your magazine.

January 7, 1964

Professor Pesi Masani
Indiana University
Mathematics Department
Bloomington, Indiana

Dear Masani,

I so much enjoyed your visit the other day! I want to say a word or two more about Giacomo Della Riccia and thought I should get this off to you before I leave.

While he is going back to Italy for a year, I have reason to believe that he might well be attracted by an American offer. Of the people working with integration in function space from a physical point of view, he is far and above the best. He has a Ph.D. from Paris in Solid State Physics, but intends to transfer his activity to statistical mechanics. He is both a first-rate physicist and a first-rate mathematician. If you people in Indiana should be interested in him, I think you will have no cause to regret it. In addition to being one of the coming scientists in this field, he is a delightful person and his English is fully adequate to the task of teaching in the United States. I have no second man to recommend who is even approximately of his character.

As to our work, we are in the last stages of developing our big paper, and I think all the difficulties are clearing themselves up. He has been a great pleasure to work with.

With best personal regards,

Yours sincerely,

Norbert Wiener

NW/emr

7 January 1964

Dr. Milton Tarlau
80-02 Kew Gardens Road
Kew Gardens 15, N. Y.

Dear Dr. Tarlau:

With regard to Professor Wiener's honorarium and expenses incurred during his stay at New York for the Encephalographers' meeting on 12/4, I did send a list of expenses to Dr. Hughes recently, but shall repeat it below in order to expedite matters.

Rd. trip to New York from Boston (E.A. Lines Shuttle)	\$26.00
Taxi fare from Belmont to Logan Airport, Boston	6.00
" " " Laguardia Airport to N.Y. City and back	7.00
" " " Logan Airport to Belmont	6.00
Meals, etc.	<u>2.00</u>
Total	<u>\$47.00</u>

Thanking you for your courtesy, I am

Sincerely yours,

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

January 10, 1964

The Hillel Foundation
Room 50-309
MIT

Gentlemen:

On behalf of Professor Wiener, Dr. Della Riccia and myself, I should like to take this opportunity to express our thanks for your thoughtful courtesy in presenting each of us with a taped recording of Professor Wiener's talk to your group in last April and with a set of photographs.

It was not only considerate, but it was, frankly, a delightful surprise. Many thanks!

Sincerely yours,

Eva-Maria Ritter
Secretary

January 8, 1964

Committee for
Tribute to Dr. Pauling
154 Nassau Street
New York 38, N. Y.

Gentlemen:

While I am thoroughly in sympathy with the honor being paid to Dr. Pauling, I am unfortunately unable to be present at the banquet. I am in the last stages of preparing for a semester at the University of Amsterdam, and I shall have to be in Washington this weekend.

Will you convey my regrets and my esteem to Dr. Pauling.

With apologies for my late reply, I remain

Yours sincerely,

Norbert Wiener

NW/emr

January 8, 1964

Editorial Office
Electronics Mag.
McCraw-Hill Bldg.
330 West 42nd Street
New York 36, N. Y.

Gentlemen:

In June 1953, there appeared in your Magazine an essay by Professor Wiener entitled "A Machine Wiser than its Maker".

We have recently received an inquiry by the Institute of Philosophy of the Czechoslovakian Academy of Sciences which would like to publish this essay in their anthology on cybernetics. The person in charge has asked me to forward his request for permission of publication to you via this letter. Professor Wiener has given his consent. If you do also, you might write to me, and I shall then send the material off together.

Sincerely yours,

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

[ans 1/10/64]

January 8, 1964

Dean Gordon S. Brown
School of Engineering
MIT

Dear Gordon Brown,

Many thanks for your letter of congratulations! The finest thing about the medal is the way it has made me more conscious of my many good friends at MIT.

Margaret joins me in sending best wishes from house to house.

Sincerely yours,

Norbert Wiener

NW/emr

January 8, 1964

Mr. Thomas C. Desmond
94 Broadway
Newburgh, N. Y.

Dear Mr. Desmond,

It was awfully nice to get your letter of the 16th of December. The nicest thing about the award is the feeling that one is among friends.

By the way, my daughter Peggy is now working in Albany for the Medical College of Union University. I thought you might be interested in hearing that the family has a representative in your old stamping ground.

With best wishes,

Yours sincerely,

Norbert Wiener

NW/emr

January 8, 1964

Professor Gerald Holton
Physics Department
Harvard University
Cambridge 38, Mass.

Dear Holton,

Margaret and I appreciate very much your kind letter of the 17th of December.

The best thing about the medal is the way in which it renews contacts with my old friends.

Sincerely yours,

Norbert Wiener

NW/emr

January 8, 1964

Professor Elmer Hutchisson
Director
American Institute of Physics
335 East 45th Street
New York 17, N. Y.

Dear Professor Hutchisson,

It is so good to have received your letter of good wishes concerning my medal.

The best thing about the medal, however, is the way that it brings me again into contact with many old friends.

Sincerely yours,

Norbert Wiener

NW/emr

January 8, 1964

Dr. Duncan A. MacInnes
The Rockefeller Institute
New York 21, N. Y.

Dear Duncan,

Many thanks for your letter of congratulations!

I am going to sail for the Netherlands in about 2 weeks and during my brief stay in New York I hope to get in touch with you and my Rockefeller friends. I have made a good deal of progress both in the statistical mechanical and in the medical side of my research and I want to talk it over with all of you.

Best wishes from house to house for a happy new year,

Yours sincerely,

Norbert Wiener

NW/emr

den 8. Januar 1964

Herrn Dr. Wolfgang Metzner
Alfred Metzner Verlag
Frankfurt/Main
Hebelstrasse 17
Germany

Sehr geehrter Herr Dr. Metzner,

Vielen Dank für Ihren Brief vom 2. 1., in welchem Sie eine neue Ausgabe des Buches "Mensch und Menschmaschine" vorschlagen.

Hierzu muss ich gestehen, dass ich mir über die jetzige Lage dieses Buches nicht ganz klar bin. Zwei Ausgaben des Buches sind bis jetzt in deutscher Sprache erschienen -- die gebundene Ausgabe unter Ihrem Eindruck, und eine Taschenausgabe aus dem Ullstein Verlag. Leider kann ich mich momentan nicht erinnern, wie die Rechte unter den beiden Firmen verteilt worden sind. Da Sie in Deutschland sind, wird es Ihnen leichter sein als mir, dieser Sache auf den Grund zu gehen.

Ich möchte allerdings Folgendes betonen: Im März dieses Jahres wird von der MIT Press mein neues Buch "God and Golem" herausgegeben werden, das sich mit ähnlichen Problemen befasst, sodass ich, sollte ich "Mensch und Menschmaschine" mit einigen neuen Zusätzen versehen wollen, eine gewisse Überschneidung mit "God & Golem" verursachen würde.

Der Econ-Verlag in Düsseldorf sollte das Manuskript zwecks Besichtigung in den nächsten Tagen erhalten. Sollte Herr v. Wehrenalp sich für das Buch entscheiden, so werden ihm die deutschen Rechte zugesprochen werden.-- Obwohl ich dazu bereit bin, "Mensch und Menschmaschine" durchzusehen und zu korrigieren, eventuell sogar zu erweitern, glaube ich doch, dass der Titel nicht geändert werden sollte. Auch ist es möglich, dass die Konkurrenz der beiden Bücher Schwierigkeiten bereiten könnte.-- Angesichts dieser Tatsachen wäre es vielleicht das Beste, wenn Sie sich mit dem Econ-Verlag in Verbindung setzen würden, um diese Sache von diesen Standpunkten aus zu betrachten.

Es sollte mich sehr interessieren, zu welcher Entscheidung Sie kommen werden.

Mit vorzüglicher Hochachtung,

Ihr ergebener

Norbert Wiener

NW/emr

January 8, 1964

Dr. Colin Miller
#500
6363 Wilshire Blvd.
Los Angeles 48, Calif.

My dear Dr. Miller,

We enjoyed so much your visit here at Boston and have such pleasant memories of the Vulcania trip.

Thanks for your congratulations! The nicest part about the medal is that it brings me again into contact with many old friends.

Sincerely yours,

Norbert Wiener

NW/emr

January 8, 1964

Dr. Robert S. Morison
Director
The Rockefeller Foundation
111 West 50th Street
New York 20, N. Y.

Dear Bob,

It is awfully nice to receive your good wishes!

You know that at times I have felt a little bit guilty as to the rather unconventional way I have behaved with regard to my work with Arturo for the Rockefeller. Well, all's well that ends well.

With best wishes from family to family, in which Margaret joins me,

Yours sincerely,

Norbert Wiener

NW/emr

January 8, 1964

Professor Walter A. Rosenblith
20B-221
MIT

Dear Rosenblith,

Many thanks for your good wishes!

The nicest thing of the award is the good feeling that one is
among friends.

Sincerely,

Norbert Wiener

NW/emr

January 8, 1964

Mr. Satyavan Shukla
Department of Electrical Engineering
Rice University
Houston, Texas 77001

Dear Mr. Shukla,

Many thanks for your recent letter of congratulations!

It was very agreeable to hear from you, and I am particularly pleased that you noted my interest in India.

With all best wishes to you and my other friends at Rice Institute,

Yours sincerely,

Norbert Wiener

NW/emr

January 8, 1964

Dr. Arthur A. Stein
Department of Pathology
The Albany Medical College of
Union University
Albany, New York

Dear Dr. Stein,

I was delighted to get your letter of the 19th. As you know, we are going to have Peggy along with us in Washington to see the President pin a medal on me. I think it will be good for Peggy, and I want to do everything I can to build up her feeling of confidence. I am delighted that she has landed on her feet and is working with such a congenial group.

I enjoyed meeting all of you very much, and I trust that this will be only the beginning of a long-time contact.

With best wishes,

Yours sincerely,

Norbert Wiener

NW/e mr



DREXEL INSTITUTE OF TECHNOLOGY

ENGINEERING - BUSINESS ADMINISTRATION
HOME ECONOMICS - LIBRARY SCIENCE

PHILADELPHIA 4, PA.

DEPARTMENT OF PSYCHOLOGY
AND EDUCATION

January 9, 1964

Dr. Norbert Weiner,
Massachusetts Institute Technology,
Boston, Mass.

Dear Dr. Weiner,

I heard your address at Swarthmore College this fall, and your call for young engineers with bio-medical interests to participate in your newest scientific concerns.

As an adjunct professor of psychology here at Drexel, I frequently mention your concern and call to participate. Yesterday, for instance, I had a student inquiring about graduate concentration in this field of work. I cannot seem to locate your address, so am writing you in care of MIT. May I have your professional address so as to give it to this student and others who may develop an interest in your newest area of research?

With all power to you and expectations of great new findings for the advance and constructive development of man, I am

Very truly,

A handwritten signature in cursive script that reads "Emily M. Fletcher Cooper".

Emily M. Fletcher Cooper
Adjunct Professor Psychology

EMFC*s

[ans 1/22/69]

have 5 other pamphlets here. Thought
this one might interest you.

You remember that about 1 yr. ago they
had
wanted
an article. Therefore the reference.

C. H. BOEHRINGER SOHN, INGELHEIM AM RHEIN
ABTEILUNG PHARMAZEUTISCHE SPEZIALITÄTEN

Professor Norbert Wiener, Ph. D.
Prof. of Mathematics
Massachusetts Institute of Technology
Cambridge 39, Massachusetts
U. S. A.

Sehr geehrter Herr Professor Wiener!

Wir erlauben uns, Ihnen anbei die 1963 erschienenen
Hefte unserer Hauszeitschrift "DAS MEDIZINISCHE PRISMA"
zuzusenden. Sie waren so liebenswürdig, sich in Ihrem
Schreiben vom 10. 4. 1963 anerkennend über die Hefte zu
äußern, so daß wir hoffen, Ihnen damit eine Freude zu
bereiten.

Wenn wir Ihnen heute erneut sagen, daß wir es sehr
begrüßen würden, den Ärzteslesern in Deutschland,
Österreich und in der Schweiz eine Prisma-Nummer
"Kybernetik" aus Ihrer Feder vorlegen zu können, so
fassen Sie diesen Wunsch bitte nicht als ein Drängen
auf. Wir möchten damit vielmehr zum Ausdruck bringen,
daß uns ein Artikel von Ihnen zu jeder Zeit sehr will-
kommen ist.

Mit vorzüglicher Hochachtung
C. H. BOEHRINGER SOHN
ppa. i. V.

H. Rosen *H. Hauke*

9. Januar 1964
Spez. 13 Dr. Ha/Th



electronics

330 WEST 42nd STREET, NEW YORK, NEW YORK 10036

PUBLISHED EVERY FRIDAY • ABC/ABP
electronics Buyers' Guide published annually

January 10, 1964

Mrs. Eva-Maria Ritter
Secretary to Prof. Wiener
Massachusetts Institute of Technology
Department of Mathematics
Cambridge, Mass. 02139

Dear Mrs. Ritter:

I am in receipt of your letter of January 8 and wish to advise you that permission is granted to the Institute of Philosophy of the Czechoslovakian Academy of Sciences to reprint the article, "A Machine Wiser than its Maker", which appeared in the June 1953 issue of ELECTRONICS.

Credit should be given to © ELECTRONICS, a McGraw-Hill Publication.

Cordially yours,

W. W. MacDonald
Editor

WWM:kf

January 10, 1964

Mrs. A.M. Hilliard
Istituto di Fisica Teorica
Universita di Napoli
Mostra d'Oltremare, Pad. 19
Naples, Italy

Dear Mrs. Hilliard,

While Professor Wiener is preparing for his impending trip to Europe (in 2 weeks), Jacques and he have been wondering about the dates of the Spring School, and as we have not heard from you about this, I thought it might be best to dash off a letter to you and see what the plans are. Would you let me know, provided the plans are fairly definite, as soon as possible?

With thanks in advance and my best wishes for the new year,

Yours sincerely,

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

January 14, 1964

Science Editor
Saturday Review Inc.
25 West 45th Street
New York 36, New York

Dear Sir:

The Science Editor in his article "On Poetic License" (December 7) has displayed tasteless and pointless sarcasm instead of what he obviously considered a finely-honed wit.

It seems elementary to point out that Mr. Graves's "poetic license" was just that; his quote was a layman's condensation of a scientific experiment, not a deliberate misrepresentation put forth by the scientists themselves.

If the Saturday Review editor needed to devote a whole article based on a quote from the poet's lecture, he might have selected the following one: *on entire*

True originality implies a leap taken by the mind across a dark gulf of nothingness into new regions of scientific thought and the establishing on the far side of a bridgehead to help routine scientists across.

Those who have already crossed that bridgehead and who are able to appreciate the significance of the studies begun by Professor Wiener and conducted by Dr. Glimcher (and the patients who will someday benefit from these studies) do not so cavalierly dismiss them as a new kind of convalescent parlor game designed to dispel ennui.

Sincerely,

Edmond Dewan
Assistant Professor

ED:pma

Armand Siegel
9 Tower Road
Lexington, Mass.
02173

Jan. 14

Dear Margaret:

Here is our AMC application. You will note the place marked for signing, as well as directions for letters of sponsorship on both back + front of application.

Return envelope is to send application back to us for further processing.

Thanks very much!

Armand

[ans 1/17/69]



UNIVERSITÀ DI NAPOLI

ISTITUTO DI FISICA TEORICA

Mostra d'Oltremare, Pad. 19 - Tel. 610 522

NAPOLI

Napoli, li..... January 15th 4
.....196.....

Mrs. Eva-Maria Ritter
M.I.T.
Department of Mathematics
CAMBRIDGE 39, MASS.

Dear Mrs. Ritter:

The reason why you have not heard from us, concerning the next Spring School, is that the matter is still at its preliminary stage, and although we have no reason to doubt it, the official approval for this year's School has not yet been obtained: we expect it at any moment. Therefore, I can now give you only tentative information, which I hope to confirm later.

The School this year will be on "Automata Theory" and, contrary to the our previous years, this time it will be held in June rather than in the early Spring.

With best regards and sincere wishes for the New Year, to you and to Jacques,

Sincerely Yours,

A.M. Hilliard
Secretary of the Institute

AMH:ac



ELSEVIER PUBLISHING COMPANY

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AMSTERDAM P.O. Box 211
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Professor Dr. Norbert Wiener,
Massachusetts Institute of Technology,
Department of Mathematics,
CAMBRIDGE 39, Massachusetts,
U.S.A.

Our ref. 1s Your ref.

AMSTERDAM, 15th January, 1964

Dear Professor Wiener,

A memo from Dr. Remarque, dated 6th December, 1963, asking this department to send you a free copy of Progress in Brain Research, Volume 1, was, unfortunately, mislaid. This has resulted in a delay in dispatching the book.

We apologise most sincerely for this delay, and assure you that your copy will reach you very shortly.

Yours sincerely,
ELSEVIER PUBLISHING COMPANY

J. A. Krull
Dispatch Department

RESPONSE

PRINCETON UNIVERSITY

ms

Murray Dodge Hall
Princeton University
Princeton, New Jersey
16 January 1964

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

Dear Dr. Wiener:

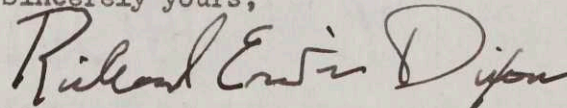
For the past few years Response, The Princeton Symposium on World Affairs, has attempted to organize pointed and fruitful discussion of issues crucial to our society. In the spring of each year, Response selects one weekend to bring together people who are competent to discuss and interested in the problems at hand. Our guests have ranged from Senator Jacob Javits to Robert Penn Warren, from Edward Albee to Arthur Schlesinger, Jr. The enclosed Chairman's Report and list of past speakers should furnish a more detailed view of our past and present activities.

Response 1964 is venturing into a complex and most important field: "The Scientific Impact." The Response Committee hopes that you will be able to join us as a guest speaker during our Symposium, which is scheduled for the weekend of April 17 - 19, 1964. The Committee feels that because of your outstanding contributions in the field of cybernetics, and your concern with the place of science in the modern world, your presence would be most valuable. The Response Committee is able to offer an honorarium in addition to accomodation and travel expenses.

The accompanying working format gives an idea of what we hope the weekend will encompass. We are not so presumptuous as to think that in the course of one weekend we can analyze the full impact of science on the modern world. Yet, experience has taught us that the very confrontation of different men and ideas will produce an atmosphere of reappraisal and creative thought. Those listening to the panels or participating in the seminars are forced, by the contrasting opinions presented, to clarify their own positions. It is in this reappraisal and clarification that Response sees its real significance. We do not resolve anything; we help individuals---audience and speakers alike---to focus on the crucial issues in the area of discussion; and they, as educated men and women, form their own opinions.

We hope that we might discuss with you, in the near future, the possibilities of your being our guest for any-- or all-- of the Response Symposium. Thanking you, I remain,

Sincerely yours,



Richard Erwin Dixon
Chairman, Response Committee

[902 1/21/64]

RESPONSE
THE PRINCETON SYMPOSIUM ON WORLD AFFAIRS
PRINCETON UNIVERSITY
Princeton, New Jersey
CHAIRMAN'S REPORT

Each Spring, the Princeton Response Committee presents a weekend symposium devoted to focusing interest on a subject of contemporary importance to American society. The purpose of the Response program is to present an open discussion, encompassing diverse points of view, of that subject. By bringing outstanding and articulate leaders who are not usually directly associated with students to the Princeton campus, Response fills a definite place in the college student's attempt to educate himself. The business of students is ideas, and Response provides a necessary and vital extra-curricular forum for discussion of ideas.

In each of its three previous programs, Response has discussed various facets of the individual's role within modern society. The topic of the 1961 Response Symposium, "America, the Question of Creative Survival," examined America's reaction to two pressures resulting from a modern, industrial age: that of surviving in an increasingly complex nuclear age and that of also preserving the ideals and institutions upon which America was founded. Response 1962, "The Changing Face of the American Democracy," was a more specific examination of the effects of the modern age upon our political institutions.

Last year, Response turned from a political theme and discussed the topic of "The Pursuit of Excellence in the Creative Arts." Over thirty speakers --- artists, businessmen, critics, and producers --- examined contemporary art, its relation to society, and some of the pressures they saw in the world of the arts. In conjunction with Response 1963, the Response Committee published a magazine, which was sold during the weekend symposium, consisting of articles on the theme, color reproductions of paintings by participating artists, and critiques of the speakers written by students and faculty members at Princeton. ~~A copy of the magazine is enclosed.~~

The impact of Response upon the intellectual life not only of Princeton but upon the town and other schools and colleges along the Eastern Seaboard is perhaps difficult to measure. If attendance is any measure of success, Response is having a definite impact. Attendance has grown from the approximately 1100 people in 1961 to over 2500 in 1963. Another measure of the importance of Response is that many schools have sent students and faculty members to learn how they might present similar programs to their student bodies.

Although Response is a program conceived and directed by undergraduates, the Committee must rely heavily upon people outside the academic community for intellectual and financial support. Chartered by the University in 1960, Response has remained financially independent of the University. The budget of over \$10,000 for Response 1963 was raised from contributions from corporations, foundations, interested individuals, as well as from admission and magazine charges.

This year, Response will examine modern man and his relation to a scientifically oriented world. Science influences every facet of modern man's life. Never before has one mode of thinking invaded such a myriad of seemingly unrelated fields --- art, government, religion, and business. Yet in no area is lay ignorance so appalling.

In the tradition of Response, we shall strive to deepen understanding and to provoke discussion on the relationship of science to society. We can **not** hope to answer the diverse questions or to solve the infinite problems raised by this most vital question. But perhaps we can do our part to broaden the base of people qualified to seek answers or to arrive at solutions., But this may only be accomplished if thoughtful and rational discussion takes place. This then is the aim of Response: to promote that discussion.

(NOTE: A list of past participants in Response and a financial statement is also enclosed. For further information concerning Response, contact:

Richard Dixon
Chairman, Response Committee
Princeton University
Princeton, New Jersey

The participants at the past three Response Symposiums have been:

ROBERT B. MEYNER Former Governor, New Jersey	PAUL RUDOLPH architect
C. DOUGLAS JACKSON Publisher, LIFE Magazine	PHILIP JOHNSON architect
EDWARD P. MORGAN News Anylist	ALINE SAARINEN architectural critic
SENATOR JACOB K. JAVITS Republican, New York	I. M. PEI architect
DR. JEROME D. FRANK Psychologist, Johns Hopkins Univ.	MILTON BABBITT composer
HARRY R. VAN CLEVE Peace Corps	JACK GILBERT poet
REVEREND ALBERT C. OUTLER Clergyman and educator	MURIEL RUKEYSER poet
SENATOR EUGENE McCARTHY Democrat, Minnesota	RICHARD EBERHART poet
ERIC F. GOLDMAN Professor of History, Princeton	HOWARD NEMEROV poet
WILLIAM BUCKLEY Editor, THE NATIONAL REVIEW	WILLIAM STYRON novelist
RICHARD H. ROVERE Author and columnist	ELIZABETH JANEWAY novelist
ARTHUR M. SCHLESINGER, Jr. Special Assistant to President Kennedy	PHILIP ROTH novelist
GORDON McCLENDON Businessman	JOHN CHEEVER novelist
BRENDAN SEXTON Special Assistant to Walter Reuther, U.A.W.	RALPH ELLISON novelist
DAVID DONALD Historian, Pulitzer Prize 1961	CALDER WILLINGHAM novelist
SENATOR WILLIAM PROXMIRE Democrat, Wisconsin	THOMAS HESS Editor, ART NEWS
SENATOR CLIFFORD CASE Republican, New Jersey	BARNETT NEWMAN painter
SENATOR JOHN SPARKMAN Democrat, Alabama	HAROLD ROSENBERG art critic
ARNOLD GINGRICH Publisher, ESQUIRE	CLEVE GRAY painter
ROBERT PENN WARREN novelist	DAVID SMITH painter
BERNARD MALAMUD novelist	PHILIP GUSTON sculptor
EDWARD ALBEE playwright	STANLEY BRAKHAGE film producer
S.L. WEAVER Advertising executive	JAMES BILLINGTON Professor of History, Princeton
NEWTON MINOW Former Chairman, F. C. C.	PATRICIA BLAKE columnist
ROBERT WHITEHEAD Director, Lincoln Center Repertory Theatre	GEORGE READY Professor of English, C.C.N.Y.
AUGUST HECKSCHER Special Consultant on the Arts to President Kennedy	HENRY S. PATTERSON Mayor, Princeton
	DR. ROBERT F. GOHEEN President, Princeton University

RESPONSE

THE PRINCETON SYMPOSIUM ON WORLD AFFAIRS

PRINCETON UNIVERSITY

Princeton, New Jersey

RESPONSE 1964

"THE SCIENTIFIC IMPACT"

Working Format

FRIDAY EVENING, 17 APRIL 1964: PANEL

An analysis, by both scientists and non-scientists, of the qualitative nature of the impact of science upon mid-twentieth century America. This session will serve as an introduction to the symposium by defining the areas of discussion, by examining the "present state of the art," and also by examining the trend of future developments.

SATURDAY, 18 APRIL 1964: Three periods for meetings: one in the morning and two in the afternoon. Within each period will be simultaneous discussions of problems which fall under the three main headings.

PERIOD I: SCIENCE AND GOVERNMENT

- A. Science and policy formulation: The roles of science and scientific organizations in advising governmental policy formulation.
- B. Science and the Military: The interrelationships between the military and science in the allocation of financial and strategic resources.
- C. Science and the Bureaucracy: The degree of control exerted over scientific progress by non-scientists.

PERIOD II: THE IMPACT OF TECHNOLOGY

- A. Automation: An extrapolated timetable of the growth of automation and the problems inherent in this progress.
- B. Operations Analysis and Mathematical Economics: The role of operations analysis in conflict resolution and in the control of the economy.
- C. The Computer and Intelligence Amplification: The computer's role in dealing with the information explosion.
- D. Cybernetics: The current and anticipated extent of our understanding control processes in man through the integration with machine models.
- E. The Sciences of Man: The impact of research in genetics, psychology, etc.
- F. Space: Are possibilities for original research being hindered by the political necessity of being first to reach the moon and other goals in space?

PERIOD III: SCIENCE AND HUMAN VALUES

- A. Education: What should be the goals of education within a scientific society?
- B. Specialization: What are the problems inherent in the increased specialization within all fields of human learning?
- C. Artistic Values: The extent which art can and does thrive within a scientific society; the effects of scientific learning upon art and artistic processes.
- D. The Search for an Ethic: What are the possibilities of having an ethic within a scientifically oriented world?

SUNDAY, 19 APRIL 1964: PANEL

Summation and synthesis: Man's place in a rapidly changing world.

NOTE: This, of course, is only a tentative format. In all probability, some topics will be altered or dropped; others will be added.

ALBERT EINSTEIN COLLEGE OF MEDICINE
YESHIVA UNIVERSITY
EASTCHESTER ROAD AND MORRIS PARK AVENUE
NEW YORK 61, N. Y.

DEPARTMENT OF ANATOMY

January 16, 1964

Professor Norbert Wiener
Massachusetts Institute of Technology
Cambridge 38, Massachusetts

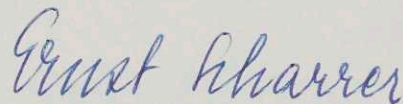
Dear Professor Wiener:

This is only a short note to thank you for sponsoring the tribute to Dr. Linus Pauling.

You may have read an editorial in LIFE and I enclose a copy of a letter to the editors which I would like you to see because LIFE did not publish my letter, as might be expected.

With best wishes.

Yours sincerely,



Ernst Scharrer, Ph.D., M.D.
Professor and Chairman of the
Department of Anatomy

ES:sf
encl.

This letter was sent to the Editors of LIFE MAGAZINE:

Sirs:

Your reprimand of Norway for the award of the Nobel Peace Prize to Professor Linus Pauling (Editorial, October 25, 1963) brings to mind a significant precedent. When Karl von Ossietzky was awarded the Peace Prize for 1935 (November 24, 1936), the then German chancellor, Adolf Hitler, denounced Norway in similar terms and decreed (January 30, 1937) that henceforth German citizens were forbidden to accept Nobel prizes. You may wish to suggest similar legislation in this country.

Ernst Scharrer

E. Scharrer, Ph.D., M.D.
Professor and Chairman
Department of Anatomy
Albert Einstein College of Medicine
New York 61, N.Y.

Wiener

January 16, 1964

Mr. Richard K. Winslow
Doubleday and Company, Inc.
575 Madison Avenue
New York 22, New York

Dear Dick:

The M. I. T. Press is acting on behalf of Norbert Wiener to collect copyrights of his works published elsewhere against the possibility Mr. Wiener sees of a collected works in a uniform edition.

Doubleday published I AM A MATHEMATICIAN in 1958. I gather from his secretary who seems to know most about these things that the rate of sale at least is very slow at the present time and hopefully the stock is low.

I believe that I should specifically request that the copyright for the book be transferred to The M. I. T. Press at such a point as Doubleday no longer cares to keep the work in print. It's conceivable we could also take over some stock, although this might depend more on the form in which it rested.

Next year is Wiener's 75th birthday and the Institute is planning a series of Do's in his behalf. The Press will commence a collected work at that point and if the transfer of rights for this particular volume could be accomplished now, we might make plans for including the book in the first series of collected works that we will be doing. But this is your decision.

Would you let me know how matters stand and what prospects are for the transfer requested.

With best wishes,

Carroll G. Bowen
Director

CGB:jb

*Brought to Bowen's
attention that it
will be 70th birthday.*

THE M. I. T. PRESS
ROOM 307, 238 MAIN ST.
CAMBRIDGE 42, MASS.

NETHERLANDS CENTRAL INSTITUTE FOR BRAIN RESEARCH
59B MAURITSKADE, AMSTERDAM
THE NETHERLANDS

Amsterdam, January 17, 1964.

From: J.P.Schadé, M.D., Ph.D.,
Associate Director.

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

Dear Professor Wiener,

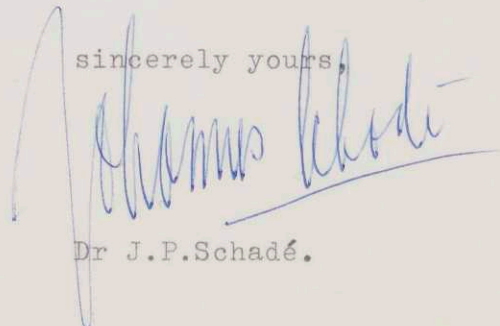
Half an hour ago "Science" of January 3 '64 arrived in my office. Here I read that you have been awarded the 1963 National Medal of Sciences by President Johnson for your marvellous contributions in pure and applied mathematics, engineering, and biological sciences.

Many happy congratulations to you and to Mrs Wiener. We all feel that you are one of the few who really deserves such an award. We will be most honoured to have you amongst us next month.

This gives me also a good opportunity to wish you both a very happy journey to the Netherlands.

With kindest regards as ever,

sincerely yours,

A handwritten signature in blue ink, appearing to read 'J.P. Schadé', written over a horizontal line.

Dr J.P.Schadé.

January 17, 1964

Appalachian Mountain Club
5 Joy Street
Boston 8, Mass.

Gentlemen:

Dr. Armand Siegel has been known to me as a colleague and fellow worker for perhaps a decade. He is a very valued friend and pupil, and a neighbor up in the White Mountains. He is a man of whom I have a high opinion, and he is an enthusiastic outdoor man.

I consider him an excellent prospective member of the Appalachian Club, and I am willing to answer for his membership.

Sincerely yours,

Norbert Wiener
Institute Professor

NW/emr

January 17, 1964

Mr. Henry W. Simon
Executive Editor
Simon and Schuster, Inc.
Rockefeller Center
630 Fifth Avenue
New York 20, N. Y.

Dear Mr. Simon:

Thank you for your letter of January 2. I have accepted the offer of the MIT Press and should therefore appreciate receiving the formal reversion of rights at your early convenience.

Sincerely yours,

Norbert Wiener

NW/emr

den 17. Januar 1964

Herrn v. Wehrenalp
Econ Verlag
Kreuzstrasse 21
Handelsblatthaus
Düsseldorf
Germany

Sehr geehrter Herr v. Wehrenalp,

Obwohl wir mit Hinsicht auf Professor Wieners neuestes Buch God and Golem, Inc. noch nichts von Ihnen gehört haben, erlaube ich mir doch, Ihnen einen Durchschlag eines Addendums für das Vorwort zu senden.

Ich hoffe, Sie haben die 2 Abzüge des Manuskriptes vollständig erhalten. Von Dänemark hörte ich, dass die dorthin geschickten in ziemlich zerfleddertem Zustand ankamen. Ich hätte sie für die lange Reise wohl etwas besser packen sollen.

Beim etwas gründlicheren Durchlesen des Manuskriptes, besonders beim Vergleichen des Textes mit den Fahrenabzügen sind mir doch einige Fehler aufgefallen, von denen die meisten jedoch bei der Übersetzung verschwinden werden. Da ich mich nicht erinnern kann, ob ich Ihre 2 Abzüge an einer gewissen Stelle korrigiert habe, möchte ich es hier tun, und zwar heisst es auf Seite 6, letzte Zeile des oberen Absatzes nicht "(Infinity)[∞] if y=vx," sondern " ∞ if $y = \frac{1}{x}$ ". Auch sehen meine Unendlichkeitszeichen eigentlich

mehr nach alpha aus. Wenn Sie sich das notieren würden, wäre wohl etwas Verwirrung vermeidbar. Auf Seite 10, 2. te Zeile des 2. ten Absatzes spricht Prof. Wiener von Bouton. Hier handelt es sich um Charles Leonard Bouton, Professor der Mathematik an der Harvard Universität während des 1. Weltkrieges. Diese Auskunft könnten Sie vielleicht Ihrem Indexer erteilen.

Die MIT-Press Ausgabe des Buches ging gestern nachmittag zur Druckerei. In Skandinavien versucht man, das Buch zur Zeit der skandinavischen Lecture-Tour Professor Wieners herauszubringen; das wäre also Mitte bis Ende März. Da wir noch nichts von Ihnen gehört haben, würde es mich doch interessieren, ob Sie sich für oder gegen das Buch entschieden haben.-- Dürfen wir von Ihnen hören?

*mit den besten Wünschen für ein
erfolgreiches 1964,*

*Ihre
Eva Maria Ritter*



SPARTANBURG, S. C.

DEPARTMENT OF CLASSICAL LANGUAGES

Not answered

January 18, 1964
Box 689
Converse College
Spartanburg, S.C.

Dr. Norbert Wiener
c/o Mathematics Department
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dear Dr. Wiener,

Your book, The Human Use of Human Beings, came into my hands three years ago. I read your book with great interest at that time, and kept it in a prominent place on my bookshelf thereafter, referring to it from time to time, although more in thought than physically, for its contents had made a deep impression. From the perspective of three years, that book was a major experience.

Now I have carefully read your book through once more and am moved to write to you about it.

As a poet, I cannot ignore the meaning of such passages as this with reference to our metaphysical "poet's poetry" that prevails today! --

One may get a remarkable semblance of a language like English by taking a sequence of words, or pairs of words, or triads of words, according to the statistical frequency with which they occur in the language, and the gibberish thus obtained will have a remarkable similarity to good English.

This method, I suppose, refined enough and introduced into a conscientious machine, could produce poetry of the sort one finds in newspapers. The point is this, however: could not such a machine, taped or programmed to combine words of low statistical frequency in unusual combinations, compete honorably with the metaphysical poets? It could indeed. Therefore, if machines can be made to write poetry, where will the human poet find refuge? He will absolutely be compelled to fall back on his own humanity.

He will be forced to play his game against the forces of confusion as a gentleman ought, and therein will lie the testing of his skill and worth as a poet. Good Heavens, where else should it lie? And his poetry will be superior to any amalgam a machine could contrive, because his poetry will demonstrate his consciousness of the fact that he is a man writing for mankind. Indeed, much of a poem's intrinsic value has to be locked up in that fact alone.

When I read a poem I look for its human meaning and try to calculate the probability of the poem's message. A poem's beauty is directly dependent upon its degree of organization.

But now look at the vast and dizzying philosophical implications of the science of cybernetics, these implications which you recognized in chapter V, "Organization as the message." One returns to the following sentences again and again. They are difficult to forget. They are tinged with a little terror and are full of great beauty. "We are not stuff that abides, but patterns that perpetuate themselves." "The physical identity of an individual does not consist in the matter of which it is made." Elsewhere -- I cannot find the passage at the moment -- you liken a man or a man's life (what is the difference) to a flame, as opposed to something material!

The beauty of such a thought! The meaning it has for mankind! This makes a man more closely related to an idea than to any physical thing. He is very nearly akin to any philosophical system, or political system, or any way of thinking, or to any ideal. He is far removed from sticks and stones. He is not a thing but a way of being. A man is not his body, but what his body has done, does, will do. A man is what he thinks. A man is his own way of thinking. How can he be said to be born or to die? Every man lives in mankind, but, as John Donne observed, any man's life is diminished by another man's death. Man dies, and he does not die. Our terms respecting life, death, and personal identity are nearly useless now and need to be either reshaped or utterly discarded. We need desperately to reflect in new human terminology the truth that the death of an ideal may be immensely more important than the death of an individual without thereby feeding dehumanized systems of government that owe their existence to their penchant for devouring the individual.

As Herbert Marcuse at Brandeis University has observed, the "destruction of the present ideology of death would involve an explosive transmutation of social concepts. . . ." And indeed it would. How good that would be! How ugly is this ideology! So much the worse for it!

And I am afraid that we must recognize some of it as a Christian contribution. In 1769 the German philosopher Lessing published a pamphlet called How the Ancients Represented Death. It was a contrast between the Greek attitude toward death and that of the Christian world.

Well, this letter has been a long one. I should be delighted to have a response from you! With only a bit of encouragement from an outside force I would be strongly inclined to explore the philosophical and cultural implications of all these old human questions that the science of cybernetics has raised anew. I should like to write a series of essays devoted to some of the matters I have mentioned in this letter, and I am already corresponding with a student of the classics who seems to have some unique ideas about the orientation of cultures toward either an emphasis on individual worth or a devaluation of the individual for the sake of a larger group. She is Dr. Doris Raymond and she claims to have noticed a rough correspondence between the peoples of the "satem" group of languages and a group ideology. The peoples of the "centrum" languages she connects with the cult of the individual and, I believe, the myth of the hero. She is sending me a paper she has written on it.

In the meantime, I am looking over Rodney Needham's new edited translation of Durkheim and Mauss's essay, Primitive Classification, which first appeared in the Annee Sociologique in 1903 and claims that the individual mind is incapable of classification. —As a unit, at least.

If you can put me on the track of anything bearing on the lines of inquiry laid out in this letter I shall appreciate it considerably. *I'm particularly interested in*

hearing more about what you think about some of these things.

Are you writing any more books that move toward founding a new philosophy based — in part at least — on the new

experience man has gained through the science of cybernetics?

Yours truly,

E Wesley Walton

E. Wesley Walton

I conclude from this that man's mind exists as a human mind only insofar as it participates in the society of other similar minds

Electrical Engineering Department
University of New Mexico
Albuquerque, New Mexico 87106

January 19, 1964

To: Professor Norbert Wiener
MIT
Cambridge 39, Mass.

Gentlemen:
xxxxxxxxxxx Dear Sir:

In my book on NETWORK THEORY: ANALYSIS AND SYNTHESIS, designed for use as a textbook, scheduled for publication by ALLYN & BACON, INC., Boston, Mass., in Fall 1965, I should like to include the following material from your publication .

U.S. Patents : # 2,024,900 (Dec. 17, 1935)
 #2,124,559 (July 26, 1938)
 # 2,128,257 (Aug. 30, 1938)

These pertain to the transformation $w = \tan \frac{\theta}{2}$ and its use in obtaining one part of an analytic function from its other part. The material will be presented in a tutorial manner.

A release form is given below for your convenience. Please note that I have indicated the proposed credit line. You may sign and return the enclosed copy of this letter.

Your consideration of this request at your earliest convenience will be appreciated.

Very truly yours,

S. Karni *S. Karni*

We grant permission, on the terms stated in this letter. Credit will be given in the form of

- ~~1) A footnote~~
- 2) A parenthetical reference keyed to the bibliography

Date:

By:

N. W.

NATURAL SCIENCE EDITOR
THE CHRISTIAN SCIENCE MONITOR
ONE NORWAY ST., BOSTON 15

Jan. 20, 1964

Dear Prof. Wiener:

I was disappointed to learn from Jeff Wylie that you would not like to talk with me. We had thought that, of all the recipients of the National Medal for Science, you would have a breadth and freshness of vision from which to make a meaningful comment on the relation of science and humanity at this time, rather than just saying the "expected thing."

However, I realize that it is common for a scholar to feel diffident about talking to the press and can understand your wish not to be interviewed.

Sincerely,


Robert C. Cowen

20 January 1964

Dear Professor Wiener -

May I offer my sincere congratulations on the award of the National Medal of Science which you so richly deserve.

This society is so tardy and stingy in its recognition of the really great - or we would have devised, long ago, adequate honors. The administration is to be congratulated for its good taste in awarding you this medal.

We are planning many exciting manuscripts for the series, The Age of Cyberculture. I shall soon be ready to make a report to the Editorial Advisory Board and request their advice.

Sincerely,

Alice Mary Hilton

Alice Mary Hilton
405 East 63rd Street
New York, N. Y. 10021

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

January 20, 1964.

Dear Professor Wiener,

Thank you very much for your letter of December 30, 1963.

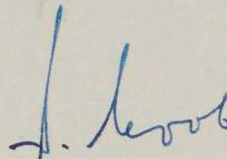
It's a real pleasure for me to fulfil your request as much as it is in my competence. I shall do my best to meet Dr. Michael Arbib in Moscow and to introduce him as your best student to some scientists of the city to

As concerning his visit in our country, it should be organized by usual way i.e through the Soviet Agency of Intourist.

In order to make Dr. Michael Arbib's visit to be the most pleasant and useful I ask him to send me the letter with the description of the points of his interest and his plans in Moscow.

My best wishes for a happy New Year.

Sincerely yours,



A.M. Letov,
Professor.

NEW YORK UNIVERSITY
GRADUATE SCHOOL OF ARTS AND SCIENCE
WASHINGTON SQUARE, NEW YORK 3, N.Y.

DEPARTMENT OF PHYSICS

AREA CODE 212 SP 7-2000

January 20, 1964

Professor Norbert Wiener
Department of Mathematics
Massachusetts Institute of Technology
Cambridge, Mass. - 02139

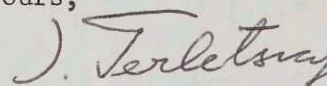
Dear Professor Wiener:

I have just received your letter of January 3. It was forwarded from Stanford to Bloomington and from there to New York. I am leaving for Paris the day after tomorrow and am not able to answer your letter in detail. However, I can provide a short answer at this time. In "non-thermodynamic" systems with non-additive energy (for example, large gravitational systems), gigantic fluctuations are more probable than usual macroscopic fluctuations. Therefore, in such systems, the appearance of gigantic regions where irreversible processes go back in time, are possible. Such fluctuations are practically impossible in the usual additive systems.

I will send you a more detailed letter from Paris, or from Moscow.

I am very grateful for your interest and your letter.

Sincerely yours,



Yakov P. Terletsky

YPT/ms

P.S. My forwarding address is:

Professor Ya. P. Terletsky
Physical Faculty of Moscow University
Moscow, B-234, USSR

ECON-VERLAG GMBH
DÜSSELDORF
VERLAGSLEITUNG

Herrn
Prof. Dr. Norbert Wiener
Massachusetts Institute of Technology

CAMBRIDGE 39, Mass.
U. S. A.

21.1.1964 - v. W. /bt

Sehr verehrter Herr Professor Wiener!

Erst in diesen Tagen erhielten wir die Exemplare von GOD AND GOLEM und haben uns damit sofort befaßt. Ich finde die Ausführungen so bedeutsam, daß ich durchaus der Meinung bin, daß sie in deutscher Sprache erscheinen sollen.

Der Umfang von sehr breitgeschriebenen 67 Seiten würde aber bedeuten, daß nur ein sehr kleines Bändchen von etwa 64 bis max. 80 Druckseiten daraus gemacht werden kann. Die Folge wäre, daß man es nur schwer zu einem tragbaren Preis verkaufen könnte und es auf der Ebene der Prestigeveröffentlichungen bliebe.

Ich hatte deshalb folgende spontane Anregung und bitte Sie, diese zu prüfen. Wir werden sicherlich in nicht allzu langer Zeit eine dritte Auflage der KYBERNETIK herausbringen können. Wir würden in diese dritte Auflage dann gerne als krönenden Abschluß GOD AND GOLEM hereinnehmen. Dies würde zweifellos manche Besitzer unserer ersten und zweiten Auflage veranlassen, sich auch diese dritte Auflage wieder zu kaufen. Wir würden damit den Absatz der KYBERNETIK fördern und das Werk, wie gesagt, krönend abrunden.

Ehe ich Ihnen irgendwelche anderen Vorschläge unterbreite, bitte ich zu diesem Gedanken um Ihre freundliche Stellungnahme.

Mit besten Grüßen

Ihr


(v. Wehrenalp)

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[see 1/29/64]

January 21, 1964

Mr. Richard Erwin Dixon
(Response Committee)
Murray Dodge Hall
Princeton University
Princeton, New Jersey

Dear Mr. Dixon,

Many thanks for your invitation to join you at your April
Symposium on The Scientific Impact.

As I am leaving tomorrow for a year abroad, however, I shall
unfortunately have to refuse, but I do wish you an interesting
Conference.

Sincerely yours,

Norbert Wiener

NW/emr

den 21. Januar 1964

Herrn v. Wehrenalp
Econ Verlag
Kreuzstrasse 21
Handelsblatthaus
Düsseldorf
Germany

Sehr geehrter Herr von Wehrenalp,

Eine eilige Nachschrift zu meinem Brief vom 17. 1. God and Golem, Inc.
ist Piet Hein gewidmet worden, und zwar heisst es:

To Piet Hein

for encouragement and criticism

Die Kontrakte sind mittlerweile verfasst worden, unterschrieben,
und gehen heute noch zur MIT Press zurück. Sie werden sicherlich bald von
der Press hören.

Mit besten Grüßen,

Ihre

Eva-Maria Ritter

Prof. N. Wiener

Rm. 2-276

January 22, 1964

Professor E. M. Fletcher Cooper
Department of Psychology
Drexel Institute of Technology
Philadelphia 4, Pa.

Dear Professor Cooper,

In Professor Wiener's name, I should like to apologize for not answering your letter sooner than now. Professor Wiener has spent the last few weeks getting ready for his trip to Europe, and a few things were still left undone.

With regard to your and your students' interest in bio-medical research, I know that Professor Wiener usually advises people to have a firm basis in several fields before venturing into this new area.-- Although He will be away for a whole year, much of his mail will be forwarded to him, so that if you will send your or your students' inquiries to the above address, I shall see to it that they will reach him.

Sincerely yours,

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

January 22, 1964

Mr. Dudley Towe
Communications and Community Relations
Bldg. 21, Rm. 211
General Electric Co.
One River Road
Schenectady 5, New York

Dear Mr. Towe,

In Professor Wiener's name, I should like to apologize for not answering your letter of September 30 sooner than now.

He is leaving today for a year abroad, and the last few months were rather hectic which caused many things to be left undone.

With regard to your question about research in diabetes, I know that the project Professor Wiener talked about is still theoretical; on the other hand, he has had contact with a Dr. John Lyman, Prof. of Engineering and Psychology, UCLA, Los Angeles 24, Calif., who is actively experimenting in certain areas. Please do not raise your friend's hopes, but you might get in touch with him (Dr. Lyman) and find out if there is anything to be done at the present time.

Sincerely yours,

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

Not answered

507 W 44th St,
Miami, Fla
Jan 23, 1964

Dr Norbert Wiener
Dept of Mathematics
Mass. Institute of Technology
Cambridge, Mass

Dear Dr Wiener: -

For sometime now I have been interested in the subject - Cybernetics.

It was through my son who is a captain in the Air Force and who graduated from the University of Illinois 1961, and one of his subjects was Cybernetics, under a Dr. W. Ross Ashby and as you know has published two books on the subject, both volumes I have.

From time to time the word Cybernetics has appeared in periodicals and magazines and only recently a friend of mine, now living in Tucson, Arizona sent me this small booklet a copy I am enclosing and this author mentions Cybernetics - and he goes on to say and I quote "And it was an American word first used by a professor of mathematics at our Mass. Institute of Technology. I assume that the author meant you."

I was some what perplex, what the author meant, when he said and I quote "That

word was Cybernetics. It is easily the most powerful word in any language to-day.

Perhaps if I knew more about the subject it would be more easily explained to me.

Pardon me for taking your time, but I would appreciate hearing from you.

Very truly yours

C. P. Thayer '23

C. P. THAYER
50 N. W. 44 ST.
MIAMI, FLA



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Henry W. Simon
1/23/64
X-2-16

January 23, 1964

Dr. Norbert Wiener
Massachusetts Institute of Technology
Department of Mathematics
Cambridge, Mass 02139

Dear Dr. Wiener:

This letter will serve as formal notice that all publishing rights mentioned in the contract dated April 17, 1952 for the publication of the book entitled EX-PRODIGY are reverted to yourself, the author.

Very truly yours,

Henry W. Simon
Vice President
Executive Editor

HWS/kl

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY
WASHINGTON

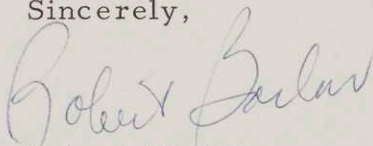
January 25, 1964

Dear Dr. Wiener:

I thought you might like to have a few of the pictures which were taken at the White House ceremony on January 13.

It was a great pleasure to meet you and your family. You are to be congratulated on making your way through the snow as well as on the high honors you have so justly received.

Sincerely,



Robert Barlow

Enclosures

Dr. Norbert Wiener
53 Cedar Road
Belmont, Massachusetts



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35 East Mahoney Avenue,
MESA, Arizona,
January 25, 1964

Dear Dr. Wiener:

HAPPY NEW YEAR 1964 ! We hope that our rather belated greeting finds you and yours well and happy as this New Year gets under way. It has been our intentions to write for quite some time.

Because of our years back in New England, and because of our longtime interest in science and education, as well as M.I.T., my wife and I have read and heard much about you. We were, therefore, delighted to hear of your selection to receive the National Medal of Science. Your many friends and admirers the country over were happy over this latest honor for you, and we hope that it is just the beginning of a wonderful year for Dr. Wiener.

Have your travels ever brought you out to the Grand Canyon State ? You would like our mild winter seasons, and we think that our Valley of the Sun would be good for you. I was born and reared back in New England so Maine and Massachusetts will always be "home" to me. This dry desert climate has helped Mrs. Browne so we spend the entire year here. She has suffered from arthritis since 1958.

Would you have a photo or small picture that you'd autograph and send to us in Mesa ? If you would also sign one of your personal cards for us, we would be doubly grateful. Hearing from you in these early days of 1964 would make this New Year especially pleasant for the Brownes.

Sincerely,

Ken Browne

465 So. Highland
Los Angeles 36, Calif.
Jan 25, 1964

Dear Dr. Heiner,

Tonight I had almost finished your book
"I am a mathematician" when it occurred ^{to me} that
you might be interested in some of my
doodles that were ~~connected~~ ^{connected} with wave functions.
I have been experimenting with colored pencils
in a psychologically comfortable environment
as a means of reaching some of the
material locked in the subconscious. A few
nights ago some variations on sine waves
appeared. I went to my room to get
them for this letter and I decided to include
a couple others along with some poems
on aspects of science you might be
interested in.

Part of my interest is in creativity. I am

exploring this area by trying to be creative myself
as well as selective reading and study. This
has led me, because of my science background,
to try to combine some of the shapes, curves,
forms, symbols, and ideas of science in a
language accessible to those not in the
scientific field itself, but ^{who are} sufficiently educated and
intelligent. How successful I will be, only
the coming years can tell.

I have a friend here at Casa
International who studied math at M.I.T.
who says, ^{he} you're a "rat-fink" after
reading your book and between the lines
(always dangerous), I would say that
you are a very strong person who for a
long, long time had very little real
companionship or real concern just for
you - infant terrible or saint or just a person.

luckily you developed, and, as a person, have
~~shown~~ ^{shown} real ~~concern~~ concern for people
and events that you considered significant
and worthwhile.

On the "reality" level, I am a 30 year
old psychology student working toward a
master's degree in Psychology. I have a
B.A. in Chemistry from San Diego State College
(1957). I spent some time in the Air Force
attempting to become a pilot for various reasons,
one of which was a desire to go to the
moon. I didn't make it as a pilot and
had a nervous breakdown. Currently I am
slowly recovering. My ultimate goal is to
combine my education, experiences, and
ideas into original ~~research~~ research
combining chemistry and psychology in
the area of psychochemistry. I am
interested in how sense impressions and

ideas affect the biochemistry of the brain and
~~use~~ how drugs, chemical metabolites, and
brain biochemistry affect ideas, mental constructs,
and sociological "world views".

I am working at it rather haphazardly
in light of today's super specialization but
I am working at it - its fun!

Sincerely,
Ray B. Hoodman

A Computer

I'm a computer.

A highly variable computer.

Can't you see my eyes light up

And my throat hum?

My antenna track

And my tapes ~~turn~~ turn?

Why do I work better

Some days than others?

What happens when I breakdown?

Why do I have an emotional value?

How was I programmed?

Where does my energy come from?

How does a computer

Know its a computer?

What project am I solving?

When will I wear out?

How were my 10^{10} elements designed?

What company built me?

How do I think?

Why do my thoughts

Fly beyond thoughts?



Is It Best To Mind?

-after Sherrington

A Victorian wit

said

"What's matter?"

Never mind!

What's mind?"

No matter!"

Yet it matters what mind is.

Today mind is mind only if you mind.

And important matters prefer no mind.

Is my mind mine?

Does it matter?

"I have a mind to —"

said the sphinx,

"And after all —

It matters."

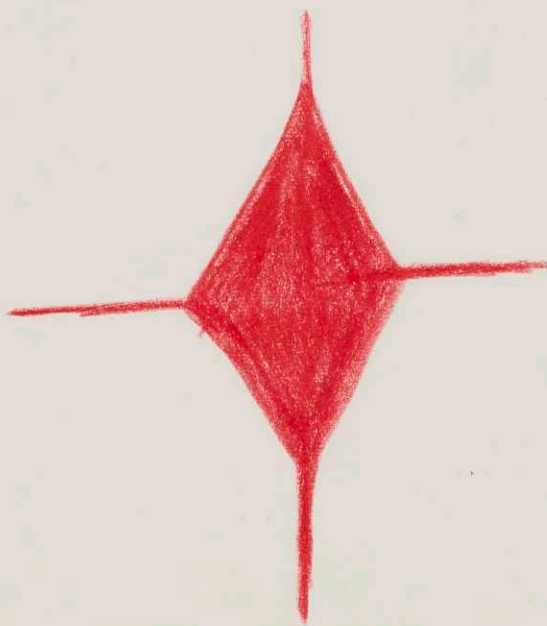
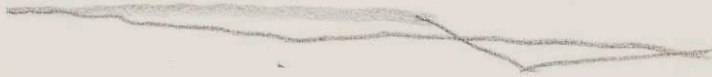
Test Tube

Molten
crystal cylinder
of sea sand —
Holds the blood
of God
In the hand
of God —
The eye of God
Seeing
— for a moment —
parts
of the mind — of God.

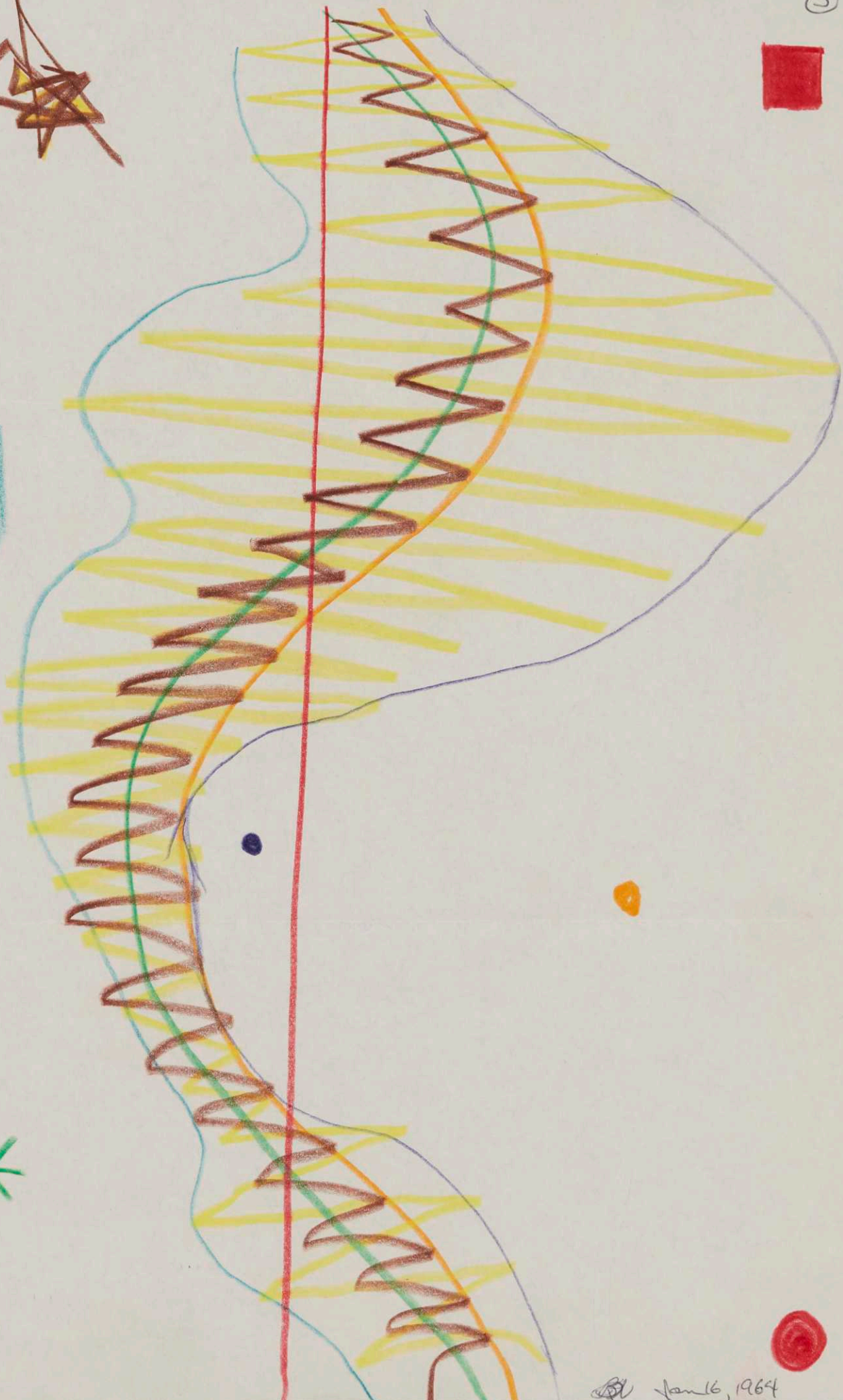


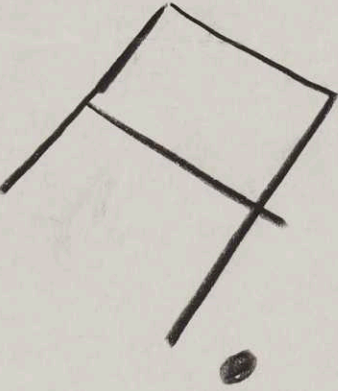
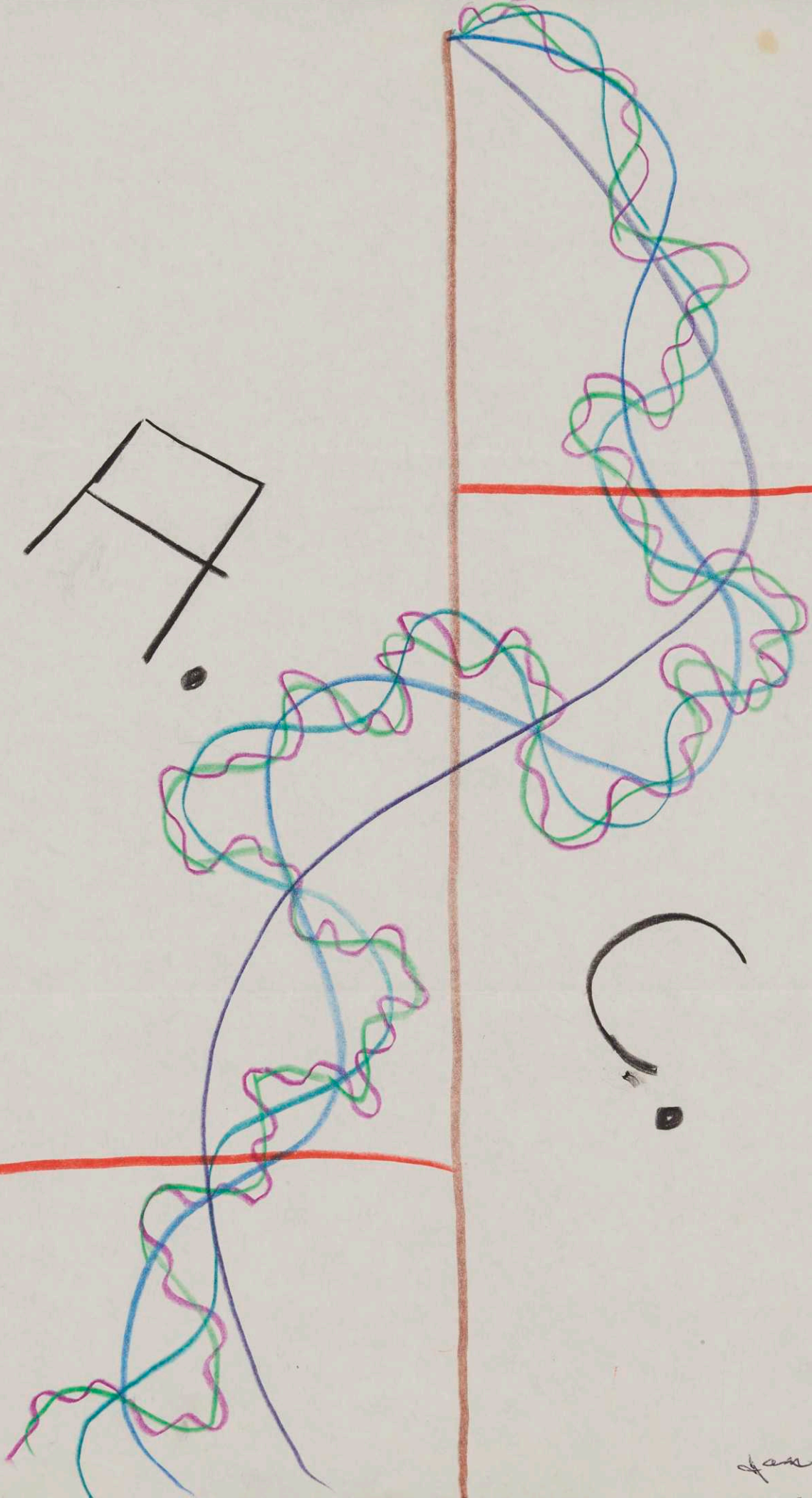
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Hollow glass cones —
Breakable versions
Of ancient pyramids
Containing
Hot liquids and cold intellects,
Colours, ions, and solids,
Waiting
On a shelf —
In a student's locker —
On a desk —
For the fire
Of a combustible mind
That will ignite
Like Prometheus fire
The secrets of Gods



[Signature] Jan 24, 1964





m

n

Jan 16, 1964

HARVARD UNIVERSITY
DIVISION OF ENGINEERING AND APPLIED PHYSICS

*Pierce Hall
Cambridge 38, Massachusetts*

January 28, 1963

Professor N. Wiener
Massachusetts Institute of Technology
Cambridge 39, Massachusetts

Dear Sir:

We recently became aware of your paper: "The Mathematics of Self-Organizing Systems", as published in the book: Information and Decision Processes.

We have also been interested in this field, having been stimulated originally by Samuel's work. Enclosed is a copy of a report on some of our work on a self-organizing regulator. We thought it might interest you since much of the technique and structure we developed in the course of our work was anticipated by you in your paper.

More recently, we have continued our investigation from the point of view of the state, (rather than that of an orthogonal analysis of the inputs), being particularly interested in questions of convergence and identification.

We would very much like to know if you have continued your activity in this field to the point of publications supplementary to that mentioned above.

If you should have any interest in our work, we would be delighted to have the opportunity to discuss it with you at your convenience.

Respectfully yours,

K. S. Narendra

K. S. Narendra
Assistant Professor of Applied Physics

KSN:mjl

Attachment: TR No. 359

not answered

*I could send his reprints
under separate cover if you wish.*

OSCAR N. R. POTIER

AV. GUERRA JUNQUEIRO, 5, 2.º-D.

LISBOA-1

PORTUGAL

TELEFS. 72 28 55-73 27 65

28th. January 1964

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

Dear Professor Wiener,

In the New Scientist (23-1-1964) under the title "Dynamical systems in physics and biology" you describe the important new approaches to healing or amelioration of human deficiencies which are being developed at the Massachusetts General Hospital and at MIT. You also mention the attempted return to determinism and the abolition of action at a distance concepts.

As an engineer, I have tried to solve these last two problems by strict compliance with the laws of mechanics, especially the law of contiguity. Modern physics has gradually and completely divorced itself from mechanics until, as Huygens predicted, it stopped all progress in rational explanation and understanding.

Under separate cover I have pleasure in sending you complimentary copies of three short papers entitled "The Nature of Electricity and Magnetism", "The Fundamental Mechanism", and "Electrical Mechanisms in Life Processes and Disease".

The last was written by Dr. A.H. Bizarro, FRCS. and myself and describes electronic methods of non-destructive removal of viruses, the regeneration of amputated limbs, reduction in the aging rate, and extension of the normal life-span of man.

I shall be glad to send you further details of the theoretical investigation which has covered a period of nearly fifteen years.

P.S. I am also sending
"The Ultimate Nature
of Space"

Yours very sincerely,

Oscar N. Potier

UNIVERSITÉ DE CAEN

FACULTÉ DES SCIENCES
ZOOPHYSIOLOGIE

Téléphone : 81-59-10

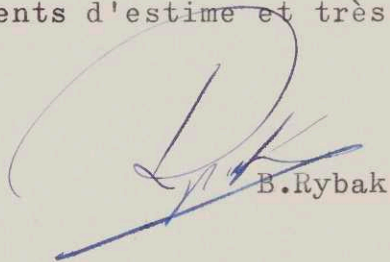
Le 28 janvier 1964 .

Dr Norbert Wiener
Massachusetts Institute of Technology
Cambridge , Mass.

Mon cher Collègue ,

J'ai lu avec intérêt le volume II de
"Progress in Brain Research" . Je me permets de porter
à votre connaissance l'hypothèse sur la mémoire que j'
ai formulée en 1955 et qui se trouve exprimée dans
Anachroniques (livre ci-joint) ainsi que dans mon
Cours de Zoophysologie .

Je vous prie de croire , mon Cher
Collègue , à mes sentiments d'estime et très dévoués.


B. Rybak

*I have thanked him in your name, but shall
keep the little book here unless you wish it.
Perhaps the library there hesit.*

INDIANA UNIVERSITY

BLOOMINGTON, INDIANA

GRADUATE INSTITUTE FOR
MATHEMATICS AND MECHANICS
SWAIN HALL—EAST

January 29, 1964

Professor N. Wiener
Department of Mathematics
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dear Professor Wiener:

We are considering Giacomo Della Riccia for a position here. I wonder if you would be willing to make some remarks on his work and his promise as a mathematician.

Yours sincerely,



Andrew H. Wallace
Acting Head

AHW:dm

[ans 2/19/64]

The M.I.T. Press



MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CAMBRIDGE 39, MASSACHUSETTS

January 29, 1964

Mrs. Eva-Maria Ritter
2-276
M.I.T.

I have no objection to Econ Verlag's plan to incorporate Gog and Golem into their edition of Cybernetics. They use the term edition when they mean printing so I suspect that what Herr von Wehrenalp means is that they are out of stock of this printing of Cybernetics and with a re-print they would incorporate God and Golem. It sounds sensible, though I still think they ought to negotiate separately for it. Will send contracts anyway.

With best wishes,

Carroll Bowen

Carroll G. Bowen
Director

CGB:jb

*asked Dr. Bowen
for his opinion on suggestion.
Mr. v. Wehrenalp's
Here it is.*

[see 1/21/64]

SCIENCE

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

30 January 1964

Mrs. Eva-Maria Ritter
Massachusetts Institute
of Technology
Cambridge, Massachusetts

Dear Mrs. Ritter:

I am glad to give you permission to reprint the following material from Science, provided that you comply with the conditions checked below.

"Some moral and technical consequences of automation", Science, Vol. 131, pp 1355-1358, 6 May 1960, Norbert Wiener.

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- 5) Our permission fee is \$ _____, payable to the American Association for the Advancement of Science upon publication.

Sincerely,

Philip H. Abelson

Philip H. Abelson
Editor

PHA/ms



VETERANS ADMINISTRATION
HOSPITAL
3801 JUNIPERO SERRA BLVD.
PALO ALTO, CALIFORNIA

January 30, 1964

YOUR FILE REFERENCE:

IN REPLY REFER TO:

5024/180

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

Dear Professor Wiener:

Thank you for your letter of December 11. Since that time, we have done some experiments which appear to show that the frequency of clonus is determined by rhythmic intraspinal processes and not by feedback from the periphery. If you would like to see it, we shall send you a copy of the manuscript when the work is completed.

Sincerely yours,

Ronald W. Angel
Ronald W. Angel, M. D.
Acting Chief, Neurology Service

RWA:c1

The M. I. T. Press

(formerly *The Technology Press*)



MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CAMBRIDGE, MASSACHUSETTS 02142

January 30, 1964

Dr. Norbert Wiener
% Dr. J. P. Schahade
Netherlands Central Institute for Brain
Research
59 B Mauritskade
Amsterdam
The Netherlands

Re: GOD AND GOLEM, INC.

Dear Dr. Wiener:

We enclose herewith a Xerox copy of the rough dummy for the jacket of GOD AND GOLEM, INC. Unfortunately we must keep the dummy here while the jacket is being produced. We expect to go to press with the jacket on February 5, and will air mail copies to you shortly thereafter.

Sincerely yours,

A handwritten signature in cursive script, reading "H. F. Chevalier".

H. F. Chevalier
Production Manager

HFC/ler



Rensselaer Polytechnic Institute

TROY, NEW YORK

CHAIR OF RENSSELAER PROFESSOR

January 30, 1964

To Professors Barry, Bauer, Eiseley, Jones, Lowe,
Mueller, Margenau, Nagel and Wiener ✓

SUBJECT: Visit with Chas. F. Kettering Foundation

Through the kind help of Dave Barry we learned of the interest of the Kettering Foundation in projects of the type we have. I sent them copies and received the following reply from their Dr. E. H. Vause, Vice President:

"This is a tremendously interesting thing you are trying to do and fits precisely with the thinking we have been developing independently here.

Chuck Kettering and I have been traveling on behalf of our Board of Trustees, seeking new concepts and recommendations from people from various walks of life on the needs of our society today. In this context we have become persuaded that revision of the science curriculum to accommodate non-science students is of prime importance, particularly for liberal arts colleges of this country. I was delighted, therefore, when Dr. Barry mentioned the work you folks have been pursuing.

Our schedule of travel is very heavy during the remainder of January and all of the month of February but we would very much like to meet and talk with you at an early date. It would be a great convenience to us if you could see us here in Dayton rather than for us to journey to Troy.----"

I quickly arranged to go to Dayton for a pleasant visit. They had questions on many aspects to which I tried to give frank answers. It seems desirable to add a third

Memo to Professors Barry, Bauer, Eiseley,
Jones, Lowe, Margenau, Mueller, Nagel
and Wiener.

January 30, 1964

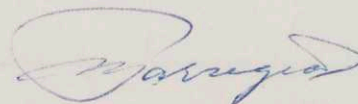
year to the project for evaluation of results of pilot class teaching. This will add about \$20,000. Also, it is desirable to invite more midwest colleges to cooperate with pilot class work. I shall add about \$5,000. - to cover such extra travel.

At the close of the visit they said they were more impressed than ever with the project and its close tie with their interest, and that their recommendation to the trustees of the Foundation would be strongly in favor of support of the project. But the trustees will not meet until mid-May, and only they can make commitments. It was pointed out that the final decision could be adverse even with this strong staff recommendation.

The discussions suggested that a redraft of the proposal may clarify some of the points, as well as to add a third year item. Also it seems desirable to send a statement on the importance of studies for development of these science courses to a journal such as SCIENCE, which I am about to do.

I'll keep you informed on developments. Meanwhile this is very encouraging.

Cordially yours,



V. L. Parsegian

VLP:cg

[ans 2/28/64]