

150

CORRESPONDENCE

May 1-15, 1952

N. WIENER - MC 22

OK?

Math, engineers + physicists

→ —

Society of Ind. + Appl. Math  
Evening

S. 2913

page

Bartholomew - in  
James G. ...

Quant. Mech. - topic?

30-45 min.

"Brownian Motion" -

[ca May, 1952]

Mrs. Baldwin:

Mon. 1:30

We had a meeting of the S. I. A. M.  
today at which time it was decided  
to put off the first meeting - to mid-  
May (instead of on May 6 as originally  
planned). Could Prof. Wiener talk to  
us on, say May <sup>20</sup>~~15~~ <sup>Wed</sup> (~~Fri~~)?

I will check with you later.

Sincerely,  
Anthony Bartholomew

Corbet

[ca May, 1952]

CORRESPONDENCIA  
DEL PERSONAL MEDICO



CALZADA DE LA FIEDAD N° 300  
MEXICO, D.F.

Monday

Dear Norbert,

I'm terribly sorry at my delay ~~in~~ replying to your letter. I won't attempt to apologise.

Congratulations on Simon & Schuster recognising the value of your book. I shall look forward to its publication as though it were my own, since I feel an especial attachment toward it. I'm pleased, also, at the hope expressed by our agent, and as stated previously, I shall go along with your judgement in all matters concerning it. Any agreements or financial arrangements will be acceptable to me.

We expect to be leaving México on the first of July, and I hope to have my present work completed at that time. I hope to be able to push Arturo to the completion of our other work, but I am not in a position to offer promises.

Peggy wrote to us, and that was pleasing. I hope that they locate me close to Boston for chess and bridge.

Sincerely,

*Morris*  
Morris E. Chafetz

Professor Zeldin's picture of the Math Dept., ca. 1923.

l to r,

1st row: Passano, Hitchcock, Bartlett, Tyler, Woods,  
Bailey, George, Phillips.

2nd. row: Wiener, Lipka, Rice, Moore, Douglass, Rutledge,  
Taylor, Zeldin.

[ca. May, 1952]

My Dear Professor Wiener:

Becoming acquainted with your elegant work on the closure of translations of a function of  $L_1$  ( $L_2$ ) last year, I set myself the analogous problem for functions of  $L_p$  ( $1 < p < \infty$ ) and I think I have found the answer.

Let us put  $\mathbb{I}(\mathfrak{G}) =$  (all elements of  $L_p$  of the form

$$\alpha_1 f(x+\lambda_1) + \dots + \alpha_n f(x+\lambda_n)$$

where the  $(\alpha_i)$  are complex numbers and the  $(\lambda_i)$  lie in a point set  $\mu$  which is taken dense in  $\mathbb{R}^{\#}$ ). The theorem reads:

Let  $f(x)$  be a member of  $L_p$  ( $1 < p < \infty$ ). In order that  $\psi \in L_p$  should be a member of  $[\mathbb{I}(\mathfrak{G})]$  (where  $[\dots]$  denotes  $L_p$  closure), it is necessary and sufficient that

$$m(S(\psi) - S(\mathfrak{G})) = 0.$$

where  $S(\phi)$  is the set of reals on which

$$\hat{f}_n(\phi) = \lim_{\beta \rightarrow \infty} \frac{1}{\sqrt{2\pi}} \int_{-\beta}^{+\beta} e^{inx} \phi(x) dx.$$

is essentially different from zero.

I have searched in the various abstract lists (such as the Mathematical Reviews) for some mention of this problem, without success, and I wonder if you could tell me if anything has been done on it since 1932.

Yours truly:

*Henry P. McKean Jr.*

Henry P McKean Jr.  
2 Chase Rd  
Hanover, NH.

[ans 5/26/52]

Meeting of the American Physical Society, Washington, D.C. May 1, 2, 3.

Thursday morning: (10:30)

Stars and V Particles. Shoreham Terrace Room.  
Apparatus of Nuclear Physics. Shoreham Main Ballroom.  
Chemical Physics, Biophysics, General Physics. Nat'l. Bureau of Standards.  
Cryogenics: Maxwell, de Klerk. NBS, Materials and Testing.  
Nuclear Theory. Shoreham, West Ballroom.  
Semiconductors. NBS, East Building Lecture Room.

Thursday afternoon: (2:15)

Phosphors; Cryogenics. NBS, East Bldg. Lecture Room.  
Apparatus of Nuclear Physics; radioactive nuclei. Shoreham, Main Ballroom.  
Symposium on Chemical Physics. Shoreham, West Ballroom.  
Photodisintegration of the Deuteron at High Energies; Photonuclear reactions.  
Wardman Park, Continental Room.  
Theoretical Physics, including Radioactivity. Wardman Park, Burgundy Room.  
New Cosmic-Ray Particles. Shoreham, Terrace Room.

Friday morning: (9:15)

Mostly Non-Metallic Crystals. NBS, East Building Lecture Room.  
Radioactive Nuclei from Gallium Onwards. Shoreham, Terrace Room.  
Symposium of the DCP on Mean-Spectroscopy. Shoreham, W. Ballroom.  
Radio Carbon Dating and Neutrons in the Atmosphere. Shoreham, Main Ballroom.  
Reactions of Transmutation, I. Wardman Park, Continental Room.  
High Energy Nuclear Processes. Wardman Park, Burgundy Room.

Friday afternoon; (2:00)

Metals. Shoreham Main Ballroom.  
Symposium of the DEP on Unusual Electron Physics. NBS, East Bldg. Lecture Rm.  
Symposium of the DCP on Chemical Transport Phenomena. Shoreham, W. Ballroom.  
Optical Spectra; molecular structure. NBS, Materials and Testing.  
Reactions of Transmutation, II. Wardman Park, Continental Room.  
Invited Papers, Piccioni, Shutt, DuMond. Shoreham Terrace Room.  
Meson Theory; Nuclear Shell-Structure. Wardman Park, Burgundy Room.

Friday evening:

Banquet of the Am. Physical Society, Shoreham.

Saturday morning: (9:30)

Invited Papers on Semi-Conductors and Silicon. NBS, Materials and Testing.  
Entropy and Information. NBS, East Building Lecture Room.  
Entropy and Information. B. McMillan.  
Quantal and Non-Quantal Uncertainties. Norbert Wiener  
The Negentropy Principle of Information. L. Brillouin.  
Neutron-Capture. Wardman Park, Continental Room.  
Elementary-Particle Scattering. Shoreham, Main Ballroom.  
Theoretical Physics, including Field Theory. Wardman Park, Burgundy Room.



Saturday morning (contd.)

Nuclear Magnetic Resonance; Microwave Spectra. Shoreham Terrace Room.

Saturday afternoon: (2:00)

Molecular-Beam Experiments; Paramagnetic Resonance. Shoreham Terrace Room.

Instrumentation. NBS, Materials and Testing.

Electron-Physics, Including Gas Discharges. NBS, Chemistry Lecture Room.

Fluid Dynamics and Ultrasonics. NBS, East Building Lecture Room.

Positronium; Pair Creation. Wardman Park, Burgundy Room.

Scattering of Protons and Neutrons. Shoreham Main Ballroom.

Cosmic Rays, Wardman Park, Continental Room.

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# Remington Rand

I N C.

ECKERT-MAUCHLY DIVISION

BALDWIN 3-7300

2300 WEST ALLEGHENY AVE.  
PHILADELPHIA 29, PA.

May 1, 1952

Mr. N. Wiener  
Massachusetts Institute of Technology  
Cambridge 39, Mass.

Dear Mr. Wiener:

Our research staff has requested that we obtain, at your earliest convenience, a copy of your paper, "Quantal and Non-Quantal Uncertainties", presented at the 1952 Washington Meeting of the Physical Society, for use in our library.

With sincere thanks,

*Eunice P. Garrett*  
Eunice P. Garrett (Mrs.)  
Librarian

EPG:pw

[ans 5/23/52

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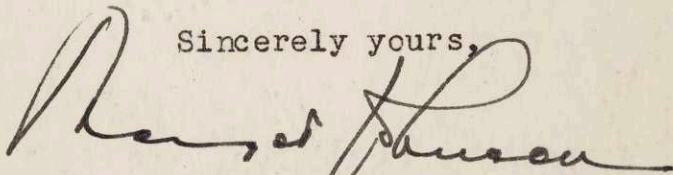
MUrray Hill 8-0940

May 1, 1952

Dear Mr. Wiener:

No, the sixty page original treatment hasn't any special technical requirements. You tell the story as well as you can with special attention to setting up the characters.

Sincerely yours,

A handwritten signature in cursive script, appearing to read 'Margot Johnson', written in dark ink.

Margot Johnson

MJ:ls

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

THE INNER SANCTUM  
OF SIMON AND SCHUSTER  
PUBLISHERS · 630 FIFTH AVENUE  
ROCKEFELLER CENTER · NEW YORK 20

May 1, 1952

Dear Dr. Wiener:

Thank you for your letter of April 25, and your proposal about the interpretation of the option clause in our contract with you is not only quite acceptable but, as you suspected, what we actually prefer ourselves. We are attaching your letter and our copy of this one to the contract, and, if you do the same with your copies, the correspondence will act as an addendum to the contract.

Sincerely,

A handwritten signature in blue ink, appearing to read "M. Lincoln Schuster". The signature is written in a cursive style with a large, looping initial "M".

M. Lincoln Schuster

Dr. Norbert Wiener  
Massachusetts Institute of Technology  
Cambridge, Massachusetts

mls;pf

MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
CAMBRIDGE 39, MASSACHUSETTS

May 2

Dear Professor Wiener

May I ask you for a favor? I have applied for membership in the Institute for Advanced Study for the coming year. My application involves no request for funds, for the Buggenheim grant and an allowance from M. I. T. will cover my expenses; but membership would give me certain library and seminar privileges, as well as economical housing for Margaret and the children. I should be much obliged if you would write to the School of Mathematics at the Institute, care of Caroline D. Underwood, giving ~~some appraisal~~ you appraisal of my "character and scientific ability." My thanks in advance.

Sincerely,

Harold Freeman

May 2, 1952

Mr. Edgar Marvin  
NBC  
431 Central Park West  
New York 25, New York

Dear Mr. Marvin:

The waiting list for Dr. Ashby's papers has extended itself so much that I must ask you to return these papers to me as soon as possible. I hope that they have helped you.

On the off-chance that you can't identify them readily, there were two papers, each about 3-4 pages in length, mimeographed on legal-size paper. I don't recall the titles, except for the central word, "Homeostat!"

Sincerely yours,

Mrs. George Baldwin  
Secretary to Prof. Wiener

[ans 5(7/52)]



May 2, 1952

Miss Caroline D. Underwood  
School of Mathematics  
The Institute of Advanced Study  
Princeton, New Jersey

My dear Miss Underwood:

Professor Harold Freeman tells me that he is applying for membership in the Institute for the coming year.

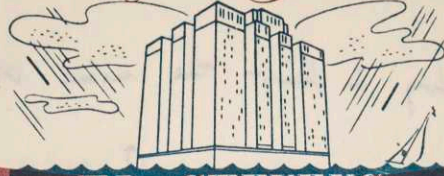
Professor Freeman has been known to me for many years, and is among my closest friends. He is a thorough master of modern probability theory, and I expect from him much work in the extension of its possibilities. I value his character and personality most highly, and I am proud we are close friends.

Sincerely yours,

Norbert Wiener

hb

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ROBERT P. WILLIFORD, Exec. Vice President

3 May 52

Dear Dr + Mrs Stevens,

I want to send a word of thanks to you both for your hospitality + for the very informative talk. I hope I did not leave much out of the talk to you, for I must have had some indication as to me. I felt increasingly shaky that night + was out of action altogether the following day. I was able to fly home on Friday + am now on the way home. The only I could not have been the last the effect of something I had eaten before leaving home. Anyhow, I do hope I had left a trail of minor sickness behind me.

My head is not yet working very well, but I am now able to see my points - that I had not previously seen. My general view is in the "Constitution"

but a dull by to put the more strictly relevant  
points on paper as soon as I am back in  
McGill.

With kindest regards and many thanks.

Yours sincerely,

August Sinclair

Dear Dr. and Mrs. Wiener:

I want to send a word of thanks to you both for your  
hospitality and for the very informative talk. I hope  
I did not transmit some sort of flu to you, for I must  
have had some infection in me. I felt increasingly shaky  
that night and was out of action altogether the following  
day. I was able to fly here on Friday, and am more or less  
normal now. It may, of course, not have been flu but the  
effect of something I had eaten before leaving Montreal.  
Anyhow, I do hope I have not left a trail of minor sick-  
ness behind me.

My head is not yet working very well, but I am now  
able to see many points that I had not previously seen.  
My general view is in the "conditions" but I shall try  
to put the more striking relevant points on paper as soon  
as I am back in McGill.

With kindest regards and many thanks,

[ans 5/7/52]

FELIX WITTMER

May 4, 1952

TELEPHONE  
MONTCLAIR 3-3071

395 GROVE STREET  
UPPER MONTCLAIR, N. J.

Dear Dr. Wiener -

Would you kindly make available to me the exact results of those bizarre "conclusions" on the "loss of thermodynamic energy" by the media of books? The report on the discussions of the American Physical Society, in today's Sunday Times (Robert R. Plumb) is evidently garbled. If not, it contains the nadir of western civilization.

My reaction: Are you boys of the physical sciences going to "measure" thermodynamically the "info" of Shakespeare, Buddha, Jesus, or Albert Jay Nock, Isabel Paterson, and Erwin Oppenheimer? In

other words: have you fellows gone crazy?

How can you dare measuring what cannot  
be measured? What do you thermo-  
dynamic boys know about spiritual  
matters?

As I expect to write about what appears  
to be the apex of the physicist's  
insanity I welcome a clear  
statement of your point of view. Thanks.

Sincerely

Dr. Felix Wittner

## PHYSICISTS DEFINE EFFECTS OF BOOKS

One View Is That the Writing  
and Reading of Them Are Not  
Worth the Energy Involved

By **ROBERT K. PLUMB**

Special to THE NEW YORK TIMES.

WASHINGTON, May 3 — The writing, distribution and reading of books are never worth the energy that is put into them from the thermodynamic point of view, physicists asserted today at the end of the meeting of the American Physical Society.

This decision was reached following a panel discussion on the new mathematical theory of communication in which information is equated, roughly, to energy and treated by classical physical techniques.

The discussion centered around a physicists' concept of a special form of energy that is called "entropy." Entropy may be described approximately as the amount of disorder that exists in any system. A pile of bricks thrown from a truck, for instance, has high entropy in comparison to the entropy present when the same bricks are formed into a wall.

Information, or hard facts, fits into this picture as a negative sort of entropy. That is, information decreases disorder.

"It would seem a simple matter

## Atomic Blasts Speed Up Professor's 'Time Clock'

By Science Service.

WASHINGTON, May 3 — Atomic bomb explosions in Nevada are interfering with the time clock of Dr. W. F. Libby, University of Chicago physicist. His time clock is a method of measuring the age of anything that lived up to 25,000 years ago by the strength of the radioactive carbon contained in the ancient materials.

But the atom bomb explosions have been getting the radioactive carbon in his specimens "dirty," he told the American Physical Society meeting here. The blasts have thrown enough radioactive "dirt" into the air so that some of it settles on the wood samples he collected from old Egyptian Tombs for his experiments.

The "hot" dust boosts the overall radioactivity of samples and makes them appear younger than they are.

for me to decrease disorder by writing a book," declared Dr. Leon Brillouin of the Watson Laboratories of the International Business Machines Corporation. "If 1,000 copies were printed and each was read by 100 individuals, the apparent result is to multiply my information by 100,000.

"However, this is not true. If it were true the laws of ther-

modynamics would be violated by the printing and reading of books. Energy, or information, cannot be multiplied. There will be mistakes in my book, and perhaps some misprints. Some of my readers will read carelessly. And in the end all will have forgotten what they read.

"Books contain bound information. Negative entropy, or information, must be applied to them before the information they contain can be freed. To read, one must have light, for instance. The electric light is negative entropy which must be applied to free the information in the book."

All bound forms of information [reading and writing] need the injection of negative entropy before they can be free, Dr. Brillouin said.

This concept was questioned in small part by Dr. Norbert Wiener of the Massachusetts Institute of Technology, one of the originators of the new communications theories.

Dr. Wiener held that there was no true difference between information from the viewpoint of thermodynamics. Whether anyone comprehends or not, he added, information [preventing disorder] is present in books, even though they are considered merely memory guides for those interested.

The conclusion was reached that writing, editing, publishing, distributing and reading a book used up more negative entropy [order] than was gained in countering disorder by making the information available. Books are only repositories and an energy loss to the system of the world, it was said.

Marseille le 4 Mai 1952.

Free letter - kg 23

Monsieur le Professeur,

Je vous prie de bien  
vouloir m'excuser de la lettre que  
je vous envoie, puis vous demander  
si l'appareil pour aide de l'oreille  
(le gant pour sourd-muet.) dont la  
voix de d'Amérique avait parlé dans  
une émission de janvier 1950, peut  
maintenant être utilisé par le  
public. Mon fils vous avait écrit  
à ce sujet en 1950. Atteint de  
surdité totale à la suite d'une  
méningite Cérébro-spinale la parole  
est devenue chez lui déficiente et

il cherche toujours par quel moyen  
il pourrait améliorer son curie.  
Il est Docteur es. Sciences attaché à la  
Recherche Scientifique on son voyage et  
son travail acharné lui ont permis  
d'arriver.

Donnez vous, Monsieur le  
Professeur, m'indiquer un appareil  
susceptible de lui adoucir son infirmité

Je vous prie de bien vouloir  
agréer, Monsieur le Professeur, avec  
les excuses d'une maman française,  
toute sa reconnaissance pour les  
recherches si belles auxquelles vous vous  
consacrez.

Madame L. Savary

8. Bd Louis François

Marseille 5<sup>e</sup> arrondissement

Bouches du Rhône

France.



May 4, 1953

Miss Ann Hill  
Publications Department  
University of Toronto Press  
Toronto 5, Ontario  
Canada

Dear Miss Hill:

Enclosed please find a check in the amount of \$1.54.  
Will you kindly send me a copy of the Canadian Mathe-  
matical Congress, Lecture Series, No. 1 - Introductions  
to the Theory of Distributions, by Halperin and Schwartz.

Sincerely yours,

Armand Siegel

hb

May 4, 1953

Dr. Max Lerner  
New York Post  
75 West Street  
New York, New York

Dear Dr. Lerner:

Professor Wiener tells me that you are interested in expanding the work in Physics at Brandeis, and that there may be an opening for me in this program. I gather from Professor Wiener that he talked to you about me when he was at Brandeis two weeks ago.

If you are interested in following up this matter, I should be very glad of an opportunity to talk to you ~~whenever it~~ <sup>whenever it</sup> may be convenient. I shall try to get in touch with you by telephone at Brandeis toward the end of this week.

Sincerely yours,

Armand Siegel

hb

From: NATIONAL COMMITTEE TO  
REPEAL THE McCARRAN ACT  
Room 204, 2 Stone St.  
New York 4, N.Y.  
BO 9 - 2558

FOR RELEASE MONDAY A.M. MAY 5, 1952

A group of initiators and sponsors of the National Committee to Repeal the McCarran Act today made public an Open Letter to Congressional candidates calling upon them "to declare publicly" their position with regard to the McCarran Act. "The issue raised by the McCarran Act and its enforcement," the letter stated, "is one of the most vital in the forthcoming elections."

The Open Letter, signed by seventy-five educators, religious leaders and professional people, pointed out that the McCarran Act "is responsible for the intolerable situation in which Government agencies, in a manner all too reminiscent of Nazi Germany, are already preparing concentration camps, are holding thought-control hearings, are denying passports to citizens, and are deporting and refusing admission to aliens."

Among the signers to the Open Letter were Dr. Frank Aydelotte, Institute for Advanced Study, Princeton; Miss Emily Greene Balch, co-winner, Nobel Peace Prize (1946), Professor Emeritus, Wellesley College, Wellesley, Mass.; S. Miles Bouton, writer and lecturer, Ashville, New York; Rabbi Leo Jung, Rabbinical Council of America, New York City; Bishop Gerald Kennedy, Portland Area, the Methodist Church, Portland, Oregon; Dr. William E. Hocking, Professor Emeritus, Harvard University; Dr. John A. Mackay, President, Princeton Theological Seminary, Princeton; and Professor Robert Redfield, anthropologist, University of Chicago.

Text of the letter and complete list of signers follows:  
(MORE)

OPEN LETTER TO CONGRESSIONAL CANDIDATES

Dear Sir:

As citizens deeply concerned with the preservation of our cherished liberties, we call upon you as a candidate for the United States Congress to declare publicly your position with regard to the McCarran Act (Internal Security Act of 1950).

It is our firm conviction that the McCarran Act violates all basic American democratic traditions. It is our further conviction that this law has already led to serious infringements of the Bill of Rights. The McCarran Act is responsible for the intolerable situation in which Government agencies, in a manner all too reminiscent of Nazi Germany, are already preparing concentration camps, are holding thought-control hearings, are denying passports to citizens, and are deporting and refusing admission to aliens.

The issue raised by the McCarran Act and its enforcement is one of the most vital in the forthcoming elections.

We are confident that the American people share our deep attachment to our democratic traditions, and that they will demand the repeal of the McCarran Act just as their forefathers one hundred and fifty years ago forced the repeal of the Alien and Sedition Acts.

We hope that you will send us a statement for publication of your views on this matter,

Respectfully yours,

Dr. Frank Aydelotte  
Prof. Roland H. Bainton  
Emily Greene Balch  
Prof. Frederick K. Beutel  
Dr. Algernon D. Black  
S. Miles Bouton  
Catherine Drinker Bowen  
Prof. W. Russell Bowie  
Rev. John W. Bradbury  
Prof. G. Murray Branch  
Prof. Paul W. Burres  
Prof. Harold Buschman  
Witter Bynner  
Dr. A.J. Carlson  
Dr. Rudolf Carnap  
Dr. Abraham Cronbach  
Prof. Mabel L. Cummings  
Prof. George Dahl  
Dr. Edwin T. Dahlberg  
Prof. Thomas I. Emerson  
Rev. Joseph M. Evans  
Dr. John Scott Everton

Princeton, New Jersey  
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Wellesley, Mass.  
Lincoln, Nebraska.  
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Ashville, New York  
Bryn Mawr, Penna.  
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New York, N.Y.  
Atlanta, Georgia  
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Kansas City, Missouri  
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Chicago, Ill.  
Cincinnati, Ohio  
Wellesley, Mass.  
New Haven, Conn.  
St. Louis, Missouri  
New Haven, Conn.  
Chicago, Ill.  
Kalamazoo, Michigan

Prof. Henry Pratt Fairchild	New York, N.Y.
Rev. Thomas K. Farley	Los Angeles, Calif.
Dr. Harold E. Fey	Chicago, Ill.
Prof. Royal W. France	Winter Park, Florida
Dr. Robert Gordis	Belle Harbor, New York
Charles A. Graham Esq.	Denver, Colorado
Chester A. Graham	Jamestown, North Dakota
Prof. Fowler Harper	New Haven, Conn.
Prof. William F. Hewitt, Jr.	Cabin John Park, Maryland
Prof. William Ernest Hocking	Madison, New Hampshire
Prof. Harold Hotelling	Chapel Hill, N.C.
Rev. J.R. Jamison	Morrilton, Arkansas
Dr. John Paul Jones	Brooklyn, New York
Rabbi Leo Jung	New York, N.Y.
Bishop Gerald Kennedy	Portland, Oregon
Prof. Robert Morss Lovett	Chicago, Ill.
Prof. Robert S. Lynd	New York, N.Y.
Dr. John A. Mackay	Princeton, New Jersey
Carey McWilliams	New York, N.Y.
Rev. Stanley Manning	Galesburg, Ill.
Prof. A.H. Maslow	Newtonville, Mass.
Dr. Joseph E. Mayer	Chicago, Ill.
Dr. Alexander Meiklejohn	Berkeley, Calif.
Rabbi Uri Miller	Baltimore, Maryland
Rt. Rev. Walter Mitchell	Rancho Santa Fe, Calif.
Prof. Charles Morris	Chicago, Ill.
Rev. Harvey K. Mousley	Providence, R.I.
Dr. Stuart Mudd	Haverford, Penna.
Lewis Mumford	New York, N.Y.
Prof. Arthur W. Munk	Albion, Michigan
Mrs. Mildred Scott Olmstead	Philadelphia, Penna.
Prof. G. Edwin Osborn	Enid, Oklahoma
Dr. Albert W. Palmer	Altadena, Calif.
Dr. Edwards A. Park	Baltimore, Maryland
The Rt. Rev. Edward L. Parsons	San Francisco, Calif.
Dr. Linus Pauling	Pasadena, Calif.
Dr. John P. Peters	New Haven, Conn.
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Rev. Frederick E. Reissig	Washington, D.C.
Rev. D.R. Sharpe	Cleveland, Ohio
Hon. C. LeBron Simmons	Detroit, Michigan
Rev. Walter B. Spaulding	Great Falls, Montana
Prof. Arthur L. Swift, Jr.	New York, N.Y.
Bishop James Clair Taylor	Memphis, Tenn.
Dean John B. Thompson	Chicago, Ill.
Dr. D.W. Throckmorton	Sacramento, Calif.
Prof. Paul Tillich	New York, N.Y.
Dr. Charles J. Turck	St. Paul, Minn.
Olive O. Van Horn	New York, N.Y.
Prof. Oswald Veblen	Princeton, New Jersey
Rev. Wm. Campbell Wasser	Denver, Colorado
Hon. James H. Wolfe	Salt Lake City, Utah

BETA - THETA CHAPTER  
OF  
ETA KAPPA NU

MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
CAMBRIDGE, MASSACHUSETTS

Box 122, Baker House  
363 Memorial Drive  
Cambridge 39, Mass.  
Phone KI7-6900, Ext.453  
May 5, 1952

Dr. Norbert Wiener  
53 Cedar Road  
Belmont, Massachusetts

Dear Sir:

I am writing to confirm our invitation to have you speak before our group next Saturday, May 10. This will be a joint initiation and banquet with the Northeastern University Eta Kappa Nu chapter, and will be held at Northeastern University. Eta Kappa Nu is the national electrical engineering honor society.

The banquet will begin at about 6:00 pm in room 302 of the Student Center building of Northeastern University (the University is located at 360 Huntington Ave.). Probably the banquet will be over about 7:00 pm, and then we plan to have about half an hour for mixing and discussion between the M.I.T. and Northeastern groups. The talk is then scheduled to begin about 7:30 pm.

We have not announced any speech topic, rather leaving this to your discretion and good judgement. We would prefer not to have a technical topic, since there will undoubtedly be a number of wives, dates, and outside guests present.

Our chapter of Eta Kappa Nu wishes to join me in expressing our sincere thanks for your willingness to be our speaker.

Sincerely yours,



John Kadyk  
Corresponding Secretary

THE ROCKEFELLER FOUNDATION

49 WEST 49th STREET, NEW YORK 20

May 5, 1952

DIVISION OF NATURAL SCIENCES AND AGRICULTURE

WARREN WEAVER, DIRECTOR  
J. G. HARRAR, DEPUTY DIRECTOR FOR AGRICULTURE  
HARRY M. MILLER, JR., ASSOCIATE DIRECTOR  
GERARD R. POMERAT, ASSISTANT DIRECTOR

CABLE ADDRESS:  
ROCKFOUND, NEW YORK

Dear Norbert:

I have an extra copy, and will probably  
later have another extra one, of the Proceedings of  
the Symposium on Information Theory which was held in  
London in September, 1950. If you would like to  
have these, please let me know. I will be glad to  
send them to you.

Cordially,

*Warren*

Warren Weaver

Professor Norbert Wiener  
Massachusetts Institute of Technology  
Cambridge 39, Massachusetts

WW:B

[ans 5/6/52]

May 5, 1952

Dr. Angus Sinclair  
Department of Philosophy  
McGill University  
Montreal, P.Q., Canada

Dear Dr. Sinclair:

Enclosed of some articles on Cybernetics which Professor Wiener thinks may interest you. Two other articles by Dr. Ashby are "out on loan" at the moment, and I shall send their names to you when they have been returned.

I am sending, also, in a separate envelope your tobacco pouch which Mrs. Wiener found after you had left their house last Wednesday evening.

Sincerely yours,

Mrs. George Baldwin  
Secretary to Prof. Wiener

Enc.



Suggested papers on Cybernetics

- Ashby, W. Ross. "A New Mechanism Which Shows Simple Conditioning." The Journal of Psychology, 1950, vol. 29, pp. 343-347.
- Barnard, G.A. "The Theory of Information." Read before the Research Section of the Royal Statistical Society, January 31, 1951.
- Berne, Eric. "The Nature of Intuition." The Psychiatric Quarterly, Vol. 23, pp. 203-226, April 1949.
- Churchman, C.W. and Ackoff, R.L. "Purposive Behavior and Cybernetics," Social Forces, Vol. 29, No. 1, Oct. 1950.
- de Broglie, Louis. "Cybernetics." Nucleo, Feb. 1952. Published in Spanish in Barcelona.
- Deutsch, Karl W. "Nationalism, Communication, and Community," paper delivered at Tenth Conference on Science, Philosophy and Religion. Conference on Science, Philosophy and Religion, 3080 Broadway, New York.
- DuBarle, D. "Existe-t-il Des Machines A Penser?" Revue des Questions Scientifiques, V<sup>e</sup> Serie.
- Gabor, D. "Communication Theory and Physics," Philosophical Magazine, Ser. 7, vol. xli, p. 1161. November, 1950.
- Gabor, D. "Light and Information". The Ritchie Lecture, Edinburgh, Feb. 3, 1951.
- Halstead, Ward C. "Brain and Behavior, A Symposium." Comparative Psychology Monographs, Vol. 20, No. 1, January 1950, Serial Number 103. Univ. of California Press, Berkeley, Calif.
- Hartley, R.V.L. "The Significance of Non-Classical Statistics," Bell Telephone Laboratories, Murrah Hill, N.J. (mimeo.)
- Hertz, D.B. and Livingston, R.T. "Contemporary Organizational Theory," Human Relations, Vol. III, No. 4. The Tavistock Institute of Human Relations, London, or The Research Center for Group Dynamics, Ann Arbor, Michigan.
- ..... "The Integration of Organization and Management," Transactions of the American Society of Mechanical Engineers, Paper No. 51--S-1, spring, 1951.

- Kalmus, H. "A Cybernetical Aspect of Genetics." Journal of Heredity, Washington, D.C. Vol. XLI, No. 1, Jan. 1950.  
(Kalmus is Associate Professor of Genetics, McGill University.)
- MacKay, D.M. "Quantal Aspects of Scientific Information." Philosophical Magazine, Ser. 7, vol. xli, p. 289, March, 1950.
- Vallee, M. Robert. "Physique Theorique: Sur Deux Classes d'operateurs d'observation." Comptes Rendus des seances de l'Academie des Sciences. Seance du 26 novembre 1951.
- ....."Physique Theorique: Operateurs d'observation et theorie de l'information." Comptes Rendus... Seance du 3 decembre, 1951.

Prepared for Dr. Angus Sinclair  
Department of Philosophy  
McGill University  
Montreal, P.Q., Canada

May 5, 1952

Dr. Oscar Handlin  
Widener 783  
Harvard University  
Cambridge 38, Mass.

My dear Dr. Handlin:

I suggested to Simon and Schuster, who, by the way, have taken my book, that you should be commissioned to do a Preface for it. I am disappointed by the fact that they consider that an outside preface is not to their liking.

I wish to thank you for your interest in my book, and for the time you have spent on it. I have been greatly helped by your valuable criticism and your ideas.

Sincerely yours,

Norbert Wiener

hb

May 5, 1952

Prof. Dr. Balth. van der Pol  
22, Chemin Krieg  
Geneva  
Switzerland

Dear Dr. van der Pol:

I shall be in America at the time of your arrival here, although it is possible that I may be at my farm in the White Mountains, in which case I shall drive down to Boston and fetch you up. Margaret and I are very eager to see you, and Peggy sends your wife her thanks for the interesting visit in Geneva. I shall have a lot of scientific material to talk over with you.

Sincerely yours,

Norbert Wiener

hb

7-23

UNIVERSITY COLLEGE LONDON

DEPARTMENT OF BIOMETRY

GOWER STREET, W.C.1

Telephone - EUSton 4400

Professor J. B. S. HALDANE

6th May, 1952.

Professor Norbert Wiener,  
53, Cedar Road,  
Belmont, Mass., U.S.A.

Dear Wiener,

The enclosed note represents the best that I can do about the information problem. I am sending it to the Journal of the Royal Statistical Society (whether Her Majesty the Queen is a constant reader I do not know).

I also enclose a copy of a lecture recently given by my wife.

I have ready for the press a monstrous and rather rambling piece in which I work out the total amount of control (= information-instruction) in a fertilized egg, and various other similar points. I don't know if you have a journal of cybernetics, or anything of the kind which might be prepared to print it. I have also produced a general theory of homeostasis, with a number of numerical data about breathing, renal secretion, etc. It emerges that most such regulatory systems are near critical damping, some well beyond it, and one (ovary-pituitary) in permanent oscillation, only regular because the characteristic is not linear. But in general one can use linear theory to check the stability of small oscillations, and some systems are fairly linear over a wide range.

I have been in India, and greatly enjoyed it. You ought to visit Bhabha, Mahalanobis, Saha and Raman. They are very civilized people, and you could get some of the juniors interested. Indian scientists, except at the top, are horribly specialized, and you would do them good.

Yours sincerely,

J B S Haldane

Newton N.J.  
5-6-52

Dr. H. Wiener  
c/o M.H.I. —

Dear Dr. Wiener

Enclosed please find return  
wrapper for tableted notes  
by the writer, of the approximate  
size of this sheet.

These were included in a  
mailing (registered) relating  
to the subject matter contained  
in the book "Cybernetics"  
which is of interest to the writer.

Unfortunately, the trade-mark  
name of the writing tablet is not at  
hand but the publisher's name will  
appear on the cover - possibly  
inside.

Very truly yours.

18 Bank St.  
Newton N.J.

J. Lawrence

[enc 5/9/52]

May 6, 1952

Dear Dr. Wiener,

I want to thank you for your great help in preparing my term paper. Your assistance with this project is sincerely appreciated.

Very respectfully yours,  
Rose Siegel  
(Boston Univ.)

I imagine you have a  
form letter for people like this.

Sturtevant  
Admissions



RECEIVED AM  
MAY 12 1952  
ADMISSIONS OFFICE  
M. I. T.

Box 367  
Melba, Virginia  
May 6, 1952

Information Department  
Massachusetts Institute of Technology  
Boston, Massachusetts

Dear Sir:

I am interesting in learning something about the field of cybernetics. Will you please furnish me any aid in this matter in respect to books, pamphlets, articles, and publications on the subject? Your help will be highly appreciated.

Thank you immensely  
for your attention.  
I am,

Sincerely yours,  
Thomas E. Willis

[ans 5/23/52]

May 6, 1952

Mr. Jacob Horowitz  
552 Riverside Drive  
New York 27, New York

Dear Mr. Horowitz:

Professor Wiener begs to be excused for his tardiness in replying to your letter of March 21. He has been away from MIT for a year, and has returned in a state of great fatigue.

He has asked me to give you the relevant information about the papers you inquire about. His paper which was published in the Proceedings of the International Congress is not available in reprint form -- at the time the reprints should have been ordered, Professor Wiener was out of the country, and an order was never made. As for "Generalized Harmonic Analysis," the reprint supply has long been exhausted. I shall keep your name, however, in the event that it is republished and shall send you a copy.

I am sorry that neither of your requests can be answered.

Sincerely yours,

Mrs. George Baldwin  
Secretary to Prof. Wiener

hb

May 6, 1952

Dr. Warren Weaver  
The Rockefeller Foundation  
49 West 49th Street  
New York 20, New York

Dear Dr. Weaver:

Professor Wiener has asked me to tell you that he would appreciate very much your sending him your extra copy of the Proceedings of the Symposium on Information Theory held in London in September, 1950. He is very grateful to you for offering them to him.

Sincerely yours,

Mrs. George Baldwin  
Secretary to Prof. Wiener

hb

May 6, 1952

Mr. William Yale  
College of Liberal Arts  
University of New Hampshire  
Durham, New Hampshire

Dear Mr. Yale:

Professor Wiener has asked me to thank you for your thoughtful letter with its interesting ideas provoked by The Human Use of Human Beings.

Professor Wiener feels that your letter merits closer attention than he is able to give it at the moment. He has been abroad for a year of strenuous work, and has returned to MIT in a state of great fatigue. This, coupled with his teaching responsibilities and his writing, prevents him from paying close attentinn to his correspondence. He regrets it very much. Perhaps he will be able to answer your letter more fully later in the summer on in the autumn.

Sincerely yours,

Mrs. George Baldwin  
Secretary to Prof. Wiener

hb

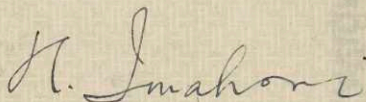
Sapporo, May 7, 1952

Dear Professor Wiener:

Thank you very much for your kind letter which has been sent to me in immediate answer to my request for studying under your guidance in the United States. I have shown your letter to the President of our University. He says that my situation will become very promising, and has agreed to take on proper formalities.

Thanking you again,

Yours very truly



*K. Imahori*

Katsumi Imahori

K. Imahori  
Institute of Low Temperature  
Science  
Hokkaido University  
Sapporo  
Japan

50



**AIR LETTER**

Professor Norbert Wiener

Massachusetts Institute of Technology  
(Department of Mathematics)  
Cambridge 39, MASS.  
U. S. A.

航空

この中には何物も封入できません

斤込泉

折込線

May 7, 1952

Mrs. Harriet B. Baldwin  
Massachusetts Institute of Technology  
Cambridge 39, Mass.

Dear Mrs. Baldwin:

Here, I believe, are the papers of Dr. Ashby's you wanted. Allow me to express my sorrow at letting you wait so long before they were returned, and putting you to the trouble of a second communication.

As you may notice by the outer envelope I have just concluded moving to a new address. By the time I got your first communication the papers were already packed, and I was engaged in tearing apart the old household. The days that followed were quite frantic, all papers remained unpacked, and the mail, as you might imagine, ceased arriving.

I received your second letter today, and was struck with guilt, ripped open cartons, and found the mimeographed sheets. I hope the delay has not burdened you or Professor Wiener too greatly.

What I could understand of them was quite a help - especially the idea of 'Darwinian Survival' in machines. However the concept of the show has changed somewhat, due to its inherent difficulty, and I am not sure just how much of the strict technological information I will be able to use.

I am very grateful though for the help Professor Wiener was kind enough to give, and both appreciative and a little abashed, by this mail incident, ~~of~~ the goodness you have shown.

Will of course inform you of telecast date.

Yours sincerely,

  
Edgar Marvin

131 Joralemon St.  
Brooklyn, N.Y.

May 7, 1952

Dr. G. Barag  
63, Ben Yehuda St.  
Tel-Aviv  
Israel

Dear Dr. Barag:

While I do not feel in a position to offer copies of Cybernetics to those who may request them, I should like to suggest to you that there is an edition in English published in France, which may be less expensive for you. I suggest that you write M. Freymann, in care of Herman et Cie., 6 Rue de la Sorbonne, Paris.

At any rate, you would not have the same difficulty of procuring hard money exchange.

Sincerely yours,

Nobbert Wiener

hb



May 7, 1952

Professor Angus Sinclair  
Department of Philosophy  
McGill University  
Montreal, P.Q., Canada

Dear Professor Sinclair:

In the first place, cast all fears aside that you have left a trail of flu behind you. Since seeing you, I have gone to a Physics meeting in Washington, and even that strenuous experience has not been able to make me ill. Margaret, too, is flourishing, and our only regret is that you have had this beastly ordeal to go through.

Meanwhile, Margaret wishes to join me in telling you how much we enjoyed your visit and the discussion that ensued. I hope that this is by no means the last time that Fate will throw us together.

Sincerely yours,

Norbert Wiener

hb

May 7, 1952

Dr. Adrien Turel  
Sozial-Physik  
Vendégstr. 2  
Zurich.

Liebe herr Kollggg!

Ihr buch ist schon angekommen, und meine Frau hat schon darin gelesen. Bald kommen meine Ferien, med ich habe die Gelaghenheit, meine Bekauntschaft mit der litteratur zu erhenen. Dunn werde ich meine Eindrücke Ihres Buchs Eihnen mitteilen.

Mit vorzüglicher Hochachtung Ihr

Norbert Wiener

hb

May 7, 1952

Col. Alexander A. Wygard  
AAB Central American Company  
Vallarta No. 1-606 B  
Mexico D.F. Mexico.

Dear Col. Wygard:

Thanks for the letter from Steinhaus. I am interested to find that he seems to be thoroughly acquainted with the implications of my Cybernetics work. Inasmuch as he is likely to be under pressure to use this for military purposes and as this might have a serious back kick on me, I request you and your brother to avoid all mention of me and of Cybernetics in writing to Steinhaus in the future.

Sincerely yours,

Norbert Wiener

hb

# Lowell Institute Cooperative Broadcasting Council

Symphony Hall ~~20 Newbury Street - Boston 19~~ Boston 15

MEMBERS OF THE COUNCIL: BOSTON COLLEGE · BOSTON UNIVERSITY  
HARVARD UNIVERSITY · LOWELL INSTITUTE · MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
NORTHEASTERN UNIVERSITY · TUFTS COLLEGE

1066522

~~Copyright © 1952 by Lowell Institute~~

PARKER WHEATLEY, Director

May 8, 1952

Professor Norbert Wiener  
Massachusetts Institute of Technology  
Room 2155  
Cambridge 39, Massachusetts

Dear Professor Wiener:

It has come to my attention that you are a Sherlock Holmes enthusiast and it has been rumored that you may even be a member of the Speckled Band. I wonder if you might be interested in doing a program in our series Old Books: Old Friends on one or more of your favorite Holmes stories.

I am enclosing a copy of a brief description of the series, including the titles and speakers broadcast through March 9. Others since then have included I. A. Richards on The Mayor of Casterbridge, Raphael Demos on Plato's Republic, and this coming Sunday, May 11, George Wald on The Letters of Vincent Van Gogh.

I do hope you will do something along these lines. If you prefer something other than Holmes that would be quite all right too.

Yours sincerely,

*Lawrence Creshkoff*

Lawrence Creshkoff  
Asst. Manager for Programs

LC:gs  
Encl.

Telephone No. - 40122

W G B H

Symphony Hall, Boston

OLD BOOKS: OLD FRIENDS

A series of informal talks about books and authors in which the speaker comments on the work or works under consideration and reads sections from them. The talks are approximately twenty-eight minutes long and are recorded in advance of broadcast. The broadcasts are at 7:00 P.M. Sundays.

The philosophy underlying the series is that a good number of people must have a particular book or books which they regard as old friends. The books may be well-known or unknown, important or trivial, heavy or light. The important thing is that they have some significance to the speaker who considers them among his old friends.

The broadcasts to date and scheduled:

1951

- |        |   |
|--------|---|
| Oct 21 | <u>Uncle Tom's Cabin:</u> Donald Born, Boston Univ.               |
| 28     | <u>Great Expectations:</u> Howard Mumford Jones, Harvard          |
| Nov 4  | <u>Troilus and Criseyde:</u> Theodore Morrison, Harvard           |
| 11     | <u>Stories by Kipling:</u> John W. M. Bunker, M.I.T.              |
| 18     | <u>Bradford's Plymouth Plantation:</u> Perry Miller, Harvard      |
| 25     | <u>Henry VI:</u> Rev. Carol L. Bernhardt, S.J., Boston College    |
| Dec 2  | <u>Mother Goose:</u> Horace Reynolds                              |
| 9      | <u>Karl Baedeker:</u> William G. Constable, Museum of Fine Arts   |
| 16     | <u>Edward Lear:</u> David McCord, Harvard                         |
| 23     | <u>A Christmas Carol:</u> Edward F. Payne, The Dickens Fellowship |
| 30     | <u>The Diary of Samuel Pepys:</u> John Holmes, Tufts              |

1952

- |       |  |
|-------|--|
| Jan 6 | <u>Wordsworth:</u> Willard L. Sperry, Harvard                |
| 13    | <u>Thoreau:</u> Philip S. Marden, Lowell Courier-Citizen     |
| 20    | <u>Cicero on Old Age:</u> Arthur Darby Nock, Harvard         |
| 27    | <u>The Country of the Pointed Firs:</u> M. A. DeWolfe Howe   |
| Feb 3 | <u>Dante's Inferno:</u> John A. Giardi, Harvard              |
| 10    | <u>Panchatantra:</u> Elmer H. Cutts, Northeastern            |
| 17    | <u>Scrambles Amongst the Alps:</u> John E. Burchard, M.I.T.  |
| 24    | <u>Huckleberry Finn:</u> Carvel Collins, M.I.T.              |
| Mar 2 | <u>The Ring and the Book:</u> Harold W. Melvin, Northeastern |
| 9     | <u>Poems of Christina Rossetti:</u> MacKinley Helm           |



SIMON AND SCHUSTER, INC.  
*publishers*

ROCKEFELLER CENTER, 630 Fifth Avenue, New York 20 • TELEPHONE Circle 5-6400

May 8, 1952

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

Dear Dr. Wiener:

Upon instruction from our Publicity Department I am sending you a "promotion questionnaire" which we would like to have filled to the best of your ability for the obvious purposes. You are, of course, free to omit answers to any questions you consider irrelevant.

Sincerely,

Lois Friedlander  
Secretary to Mr. Simon

[ans 5/25/52]

(INTER-DEPARTMENTAL)

MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
CAMBRIDGE 39, MASSACHUSETTS

OFFICE OF

Richard C. Lord  
Room 6-130

May 8, 1952

Memorandum to: Professor Norbert Wiener  
Room 2-155

Dear Professor Wiener:

This is in confirmation of our conversation yesterday concerning the Fall meeting of the Optical Society of America. This meeting, which is to be held in Boston at the Hotel Statler, will have as its theme "The Interaction between Optics and the Other Sciences". The meeting will be devoted almost exclusively to invited papers by distinguished scientists in other fields than optics, who have either made notable contributions to optics as the result of work in their own fields, or who have made notable advances in their own fields by application of optical theories or techniques.

There will be several papers on the interaction between optics and applied mathematics, and we are very happy that you have consented to present one of these. Since our program calls for the papers on optics and applied mathematics to come at the head of the program, we should like to have you present your talk at 10 o'clock on Thursday morning, October 9. You will be the opening speaker for the entire meeting.

For purposes of the program schedule, I should like to have an approximate title. How would this do: "Mathematical Analysis of the Emission and Propagation of Radiation"? We are delighted at the prospect of hearing you, and will let you know about the remainder of the program as it develops.

Sincerely,

*Dick Lord*

Richard C. Lord

RCL:mf

[a 2 7/16/52]

UNIVERSITY COLLEGE LONDON

DEPARTMENT OF ANATOMY

EUSTON 4400

GOWER STREET, W.C.1

Professor J. Z. YOUNG, M.A., F.R.S.

May 8 1952

Dear Professor Wiener,

You may vaguely remember me at University College or at the Ratio Club. I have ~~been~~ to be in Cambridge round about June 20 on my way to a symposium which starts on June 25 and I am wondering if you would have time to spare to see me at M.I.T. sometime between June 20-24. I need not say how much I should appreciate the opportunity of seeing you again.

With kind regards,  
Yours sincerely,

*Donald Sholl*  
(D.A. SHOLL)

Professor N. Wiener,  
Massachusetts Institute  
of Technology  
Cambridge 39,  
Mass, U.S.A.

[ans 5/23/52]



THE INSTITUTE FOR ADVANCED STUDY

PRINCETON, NEW JERSEY

SCHOOL OF MATHEMATICS

May 8, 1952

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

Dear Professor Wiener:

Thank you kindly for the letter you wrote in support of the application of Professor Freeman for membership in the Institute. It was placed in his file at once.

Sincerely yours,

*Carolus D. Luderwood*

Secretary,  
School of Mathematics

BULLETIN OF THE ATOMIC SCIENTISTS

956 EAST FIFTY-EIGHTH STREET

CHICAGO 37, ILLINOIS

May 9, 1952

Dear Professor Wiener:

I would be most grateful if you could give me the full name, title and address of Doctors Schutzenberger and Laurent Schwartz to whom I should like to write in connection with the visa issue which the Bulletin is preparing.

With many thanks,

Yours very sincerely,

*Edward A. Shils*  
Edward A. Shils

*Université de Nancy  
Nancy, France*

*[ans 5/23/52]*

*Marcel-Paul Schützenberger  
Hôpital St. Louis  
Paris*



THIS SIDE OF CARD IS FOR ADDRESS

AIR MAIL

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

National Committee to Repeal the McCarran Act

2 STONE STREET  
NEW YORK 4, N. Y.  
BOWling Green 9-2558

May 9, 1952

INITIATORS

Dear Friend:

- Dr. Frank Aydelotte
- Bishop James C. Baker
- Miss Emily Green Balch
- Prof. G. A. Borgese
- Dr. Abraham Cronbach
- Bishop Benjamin D. Dagwell
- Dr. Edwin T. Dahlberg
- Dr. Mark A. Dawber
- Mrs. Welthy Honsinger Fisher
- Prof. E. Franklin Frazier
- Rev. John Paul Jones
- Rabbi Leo Jung
- Bishop Gerald Kennedy
- Prof. Robert Morss Lovett
- Dr. John A. Mackay
- Bishop Francis J. McConnell
- Mr. Carey McWilliams
- Dr. Alexander Meiklejohn
- Dr. Albert W. Palmer
- Bishop Edward L. Parsons
- Dr. Linus Pauling
- Prof. Ralph Barton Perry
- Dr. Edwin McNeill Poteat
- Mr. Frank Rosenblum
- Dean John B. Thompson
- Prof. Paul Tillich
- Mrs. M. E. Tilly
- Dr. Charles J. Turck
- Rev. Pierre van Paassen
- Prof. Oswald Veblen
- Bishop W. J. Walls

We are very sorry that we have not yet received your signature to the Open Letter to Congressional candidates. Enclosed is a copy of the press release that was sent to 400 newspapers and magazines throughout the country. In New York City, the release was printed by the Times, the Post, and the Daily Compass.

We would still like to have you sign this letter as it will be another ten days or so before it is sent to any of the Congressional candidates, and because we plan to make the Open Letter into a folder to be distributed to our sponsors and to new names. After the list of signers this folder would say,

"Dear \_\_\_\_\_  
I wish to join these distinguished Americans in asking you to declare your position with reference to the McCarran Act.  
(Signed) \_\_\_\_\_"

This folder would then be sent to the signer's Congressional candidates.

PLANNING COMMITTEE

- Dr. Mark A. Dawber
- Mrs. Welthy Honsinger Fisher
- Prof. E. Franklin Frazier
- Rabbi Leo Jung
- Edward S. Lewis
- Prof. Robert S. Lynd
- Prof. Arthur L. Swift, Jr.
- Dean John B. Thompson
- Olive O. Van Horn

If you will sign and return the form at the bottom of this letter, your name will be included in the letters and in the folder. For the folder, we need to know the designation as to occupation that you would like to have listed after your name, and also any special awards or honors.

We hope to hear from you soon.

Cordially,

*Olive O. Van Horn*  
Olive O. Van Horn,  
Acting Secretary

\*\*\*\*\*

SIGNATURE (Text of the letter is given in the press release)  
(and address)

\_\_\_\_\_

Designation as to occupation, awards, honors, etc.

\_\_\_\_\_

\_\_\_\_\_



May 9, 1952

Mr. J.D. Lawrence  
18 Bank Street  
Trenton, N.J.

Dear Mr. Lawrence:

Professor Wiener has asked me to return your manuscript to you, at your request. Professor Wiener has been away from MIT for a year, and has returned in a fatigued condition. He has been unable to study your manuscript because of the pressure of his work on top of his fatigue. He hopes you will understand that he regrets this very much.

Very sincerely,

Mrs. George Baldwin  
Secretary to Prof. Wiener

hb

Norbert Wiener, Ph.D.  
Mathamatician  
Cambridge, 39, Mass.

52 Berkeley St.  
Boston 16, Mass.  
May 10, 1952

Dear Sir:-

Subject:- Electronics-Ionosphere-Heaviside Layer-Aurora Borealis.

The Ionosphere represents a zone with "Depth" which is more or less penetrated by radio et al waves in the reflecting process. The Heaviside layer concept may deal only with a surface effect as of a mirror, I'm not certain.

At any rate the Height of visual Aurora Borealis appears to be akin said Ionosphere's thickness; and that major aurora phenomena also often presents a voltage effect as by moving a compass needle, when it moves fast. This is akin the voltage drop at a light zone in a discharge tube.

It should not be impossible, to set up a formula which will show a peak( as a voltage peak in electricity) at magnetic pole latitude of the visual Aurora; in relation to a zone akin a skin of an onion about this earth. That is , setup a formula to show a wrinkle of a very sharp type, as visual aurora is measured in apparant thickness of yards, with the earth's circumference in the well known milage catagory.

One could then consider the forces which move the zone to and from its center( varying height above this earth) and the peak moved akin a moveing of light zone in a discharge tube.

Enclosed are some notes, which may be of interest, though I get off the direct beam quite often.

One has to start with some sort of simple arrangement, and then as with the "Gas laws" of Robert Boyle and all, wind up by going through Nernt's equationsto Atomic Enrgy etc.

I have never seen any assumption, or chance to setup an equation, as simple as the qabove wrinkle in a onion layer; which could later be expanded etc.

Some notes as to ways and means of getting data to aide in furthering the above equation, are also in enclosed.

Archibald F. Robertson MIT '22.

*Archibald F. Robertson*

[ans 5/29/52]

Norbert Wiener, Ph.D.  
Mathematician  
Massachusetts Institute of Technology  
Cambridge 39, Mass.

52 Berkeley St.  
Boston 16, Mass.  
May 10, 1952

Dear Weeny:-

As one of your 1st crop, (if not the 12 disciples of math) and noting your standing in "Electronics" as of the April Review; and knowing that you know more about Einstein's coordination of Gravity and Electricity that I do; I herewith submit for your consideration, a few mullings over, since I last saw you in M23. (1920). I note you only lecture M35 now, but still have the most rugged "Office" at MIT. Maybe you "Can take it".

At any rate, Ultra High Frequencies are now possible, being controlled much better than a ham wireless set of vintage of 1914; for example; and hence commercially feasible. The damned thing's getting more secret every day, as well as more "sensitive" to such as interference of Aurora and the neighbors (nearby stations). As the frequency increased, the wave length seems to have decreased, and one gets a faster vibration, requiring less power, as power is function of area swept out as of sine wave (when perfect). This appeals to Big Dough as a nice money saver, and more lookers at their Video and listeners to radio; and more fun in Military in "Jamming".

The higher frequency also can be directed better; by mere energy matters above.

I, therefor, append a set of observations which as yet, have not been published; perhaps to ultra high secrecy of the concepts of sensors etc. At any rate: I've used Glazebrook Dictionary of Applied Physics Vol II, since it was published; but you know very well how few sensors ever read such. Hence the mixup re my source of knowledge.

The sensitivity matter has found a practical item, in Germanium which is so sensitive that the Electronics people prefer to reduce to metal in their own way, and then bombard same with electrons; thereby forming an alloy so dilute (solid solution) that probably it is undetectable by chemical methods. Akin lowering conductivity of copper with arsenic, only far more dilute or and sensitive in making Germanium a better conductor etc.

Trusting you can figure out a generality, or equation, which has hitherto been prohibited due to complexity of items which pre secrecy secrets, were noted in this realm of Electronics. Pages 337-8; 560 ~~###~~; 544 2nd paragraph are high points, of Glazebrook's presentation.

respectfully yours,

Archibald F. Robertson. '22

Copy to Boston Globe; Gernsback of Radio-Electronics.

[ans 5/29/52]

THE VALLEY OF THE MOON  
GLEN ELLEN  
CALIFORNIA

10th May 1952.

Dear Dr Wiener,

I wonder if you would approve the idea of reprinting a portion of 'The human use of human beings' in the British "Architectural Review" ?

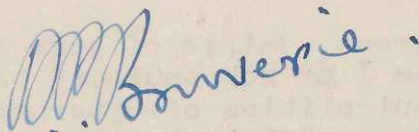
I represent the British Architectural Press in this country and the Architectural Review is probably the best cultural medium in it's field and in such contributors as Siegfried Giedion (Mechanisation takes command) it has come fairly close to Cybernetics.

I am a great admirer of your writings and while I am not equipped to follow the technicalities of Cybernetics I am fully aware of it's implications. Also I feel it is high time that alive architects, engineers, and students in related fields should be as visually acquainted with the appearance of say, the vacuum tube, photoelectric cell, or some of the crucial parts of a computation machine, as they are with the appearance of a telephone.



41 If you agree with me that the Review might be a good medium for conveying to related technicians an idea of the importance of your work, would you tell me if you would approve the idea of reprinting a portion of the last book, ( in the form of a long article submitted to you beforehand), and whether students at MIT could provide me with closeup photographs which would help to start a visual acquaintanceship with these developments which are going to be so vital to us all.

Yours sincerely,



David Pleydell-Bouverie.

[ans 5/23/52]

71 LYON PLACE  
LYNBROOK,  
LONG ISLAND, N.Y.

May 11, 1952

Dear Prof. Wiener:

Hardy, Littlewood, Pólya, and Szegő have written books on Inequalities.

I have written the preliminary draft of a book on Majorants.

In applying probability to majorants, I have run into the following paradox:

Consider two single-valued functions, (defined for all real values of an independent variable), chosen at random.

What is the probability that there is a majorant relationship ( $\geq$  or  $\leq$ ) between them, over a <sup>given</sup> finite interval?

Intuitively we expect that, the shorter the interval, the greater the probability. Moreover, at the limit, that is, when the interval has zero length, the probability is unity. [If interval of ~~zero~~ zero length is a point.]

Define  $P(m)$  to be the probability over an interval of length  $m$ .

Partition the interval into lengths  $a$  and  $b$ .

$$\text{Then } P(a+b) = P(m) = P(a)P(b).$$

This equation determines the function  $P$ .

We have the solution  $P(a) = c^a$ , where  $c$  is a positive constant.

Then  $P(0) = 1$ , which is correct.

Since  $P(m)$  must decrease as  $m$  increases, we have  $0 < c < 1$ .

But what is the value of  $c$ ?

Would you care to answer the question?

And may I include it as a chapter in my book?

Thank you very much.

Respectfully,

A. Soble.  
(SOBLE)

U. S. NAVAL MEDICAL RESEARCH LABORATORY  
U. S. NAVAL SUBMARINE BASE  
NEW LONDON, CONNECTICUT

IN REPLY REFER TO:

May 12, 1952

Mrs. George B. Baldwin  
Secretary to Prof. Wiener  
Department of Mathematics  
Massachusetts Institute of Technology  
Cambridge, Mass.

Dear Mrs. Baldwin:

I wish to apologize for the long delay in thanking you for the second letter containing an invitation for May 13, 15 or 16.

I would like to come on May 16, Friday between 10:00 and 11:00. In case I do not receive an information to the contrary, I will presume that this date is suitable for Professor Wiener.

Thanking you once again, I am

Sincerely yours

*Andrew G. Pikler*

( Andrew G. Pikler )  
Research Psychologist  
Sound Section

were in Europe. Glad, however, pick  
up you sent here and there!  
I haven't time now to write lately,  
being too much occupied in running a  
business.

Glad however, at an international conference  
in London Sept 1920, whether the idea  
of defining the basic concept of "manipulation"  
which is the unit of operation is a thinking  
problem just like information is the  
unit of work in a message.

But so far better than I receive  
much  
with his or her for the future  
and you can find

John  
F. ...

[unclear]

add thanks  
for Mrs. W.  
for a calendar

Hilversum May 52  
Spawlands way 78

Dear Prof. Wiener -  
this is to introduce Messrs Elerbaas  
and van de Wey of our works who are  
visiting the States right now and whom  
I urge, if anyhow possible, to pay you  
a visit.

So if you hear from them and if you  
can spare the time, I should be greatly  
pleased if you could see them.

How far away looks the time when  
I was reading the proof of your book  
and you queried whether it were going  
to be a success!

I was sorry not to see you when you

Atkinson 15th 15  
of your manuscript

old book  
w. new  
chapters

been prof. business -  
then it is important to know  
and have a list of our works  
including the dates right down  
to the present, to keep the  
a list of  
do if you have been there  
can spare the time. I know  
pleasure of your career  
then for some years back  
I was reading the proof of your book  
and you advised whether it was  
to be a success!  
I was sorry not to see you

were in Europe. I did, however, pick  
up your scent here and there!

I haven't done much work lately,  
being too much wrapped in running a  
business.

I did however, at an information conference  
in London Sept 1950, venture the idea  
of defining the basic concept of "manipulation"  
which is the unit of operation is a thinking  
mechanism just like information is the  
unit of such is a message.

But so far people haven't reacted very  
much

With kindest regards for Mrs Wiers  
and your daughter

Yours

Jan F. Shorter

Holland.

Hilversum

Schwarzenbergweg 18

Dr J. Schmitz



Airmail



Prof. Dr. Norbert Wiener

53 Cedar Road

Belmont

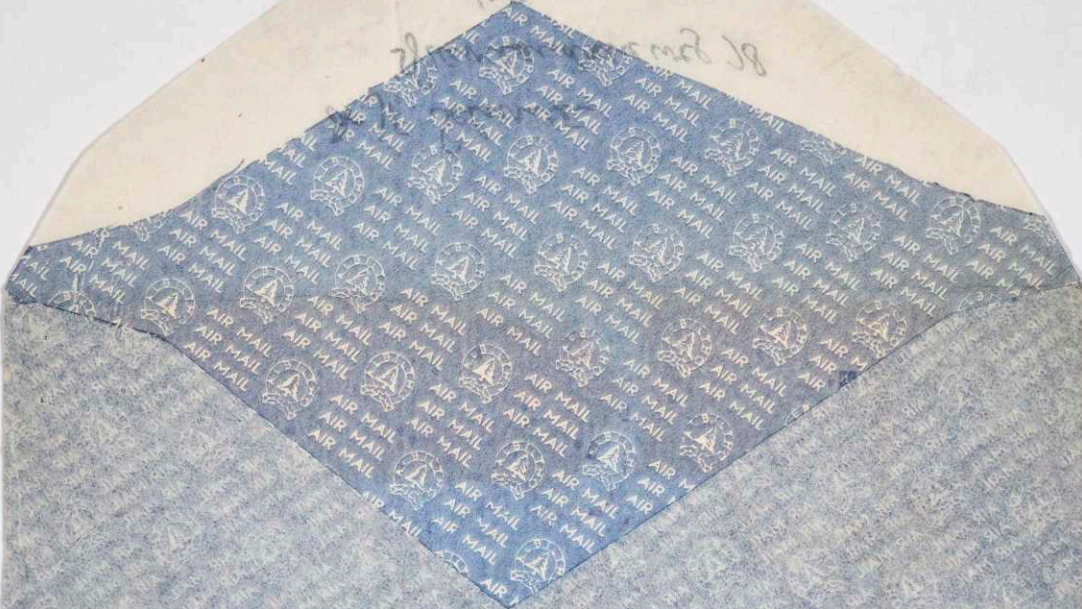
USA

~~Cambridge~~ (Mass)  
idge

Handwritten text, possibly a name or address, at the top of the envelope flap.

Handwritten text, possibly a name or address, below the first line.

Handwritten text, possibly a date or reference number, below the second line.





May 12, 1952

Dr. Henry L. Bockus  
The Graduate School of Medicine  
University of Pennsylvania  
Philadelphia, Pennsylvania

Dear Dr. Bockus:

I am thinking over my lecture for next fall, and I am going to try to give you something good.

Meanwhile, a matter has come up in which you may be able to give me some help. Dr. Gonzalez-Fernandez from the Argentine Heart Institute is on a fellowship in this country at the present time and is particularly interested in the type of medicine and Cybernetics which you have suggested as a possible new department at your University. In the natural course of events, he would have to return to the Argentine in August, but he wants to stay a year longer to continue his researches, probably with Gray in Chicago or possibly with me, or possibly a combination. His particular interests in medicine are in the study of respiration and circulation. He is an example of the new sort of physically and mathematically trained medical man from whom we have such great expectations in the future. Could you suggest any foundation which might be willing to give him a modest grant to prolong his stay? Rockefeller is out because he has consulted them already. Do you think it is worth my while writing to the Macy Foundation? If you think so, I am in the good graces of Fremont-Smith, and we might do something there.

I am sorry to trouble you with this matter, but it represents a definite prospective step in achieving the ends which we have in common.

Sincerely yours,

Norbert Wiener

hb

[ans 5/19/52]

May 12, 1952

Dr. Arturo Rosenblueth  
Instituto Nacional de Cardiologia  
Calzada de la Piedad, 300  
Mexico D.F.  
Mexico

Dear Arturo:

I have been awaiting for a considerable time for the manuscript of our paper.

Meanwhile, an interesting problem has come up. Dr. Gonzalez-Fernandez from the Argentine is working and will continue to work this summer under Gray at Chicago on Cybernetics problems in connection with respiration. Therefore, I should like to put him in touch with the results which have been obtained in your laboratory jointly with the American doctor -- I forget his name, but it isn't Chafetz -- who has been working on this subject. If you could send me any publications on the matter, or at any rate could write a letter explaining the present state of the work, I should put it in the hands of Dr. Gonzalez-Fernandez.

Let me know more of your plans for next term. Things are going well here, and I shall have a lot to talk about with you.

Sincerely yours,

Norbert Wiener

hb

SOCIÉTÉ  
DES  
GENS DE LETTRES  
DE FRANCE

Reconnue comme Etablissement d'Utilité Publique

HÔTEL DE MASSA  
38, RUE DU FAUBOURG SAINT-JACQUES  
PARIS (14<sup>e</sup>)

LE DIRECTEUR :  
M. GEORGES ROBERT

Vous êtes prié d'adresser la  
réponse à Monsieur le  
Directeur

PARIS, LE

13 MAI 1952

194

TÉLÉPHONE : ODÉON 06-15

CHÈQUES POSTAUX : PARIS 719-29

ADRESSE TÉLÉGR. : GENLETRES-PARIS

Monsieur Robert Wiener  
5, Rue Léon Chenu  
Paris-15<sup>e</sup>

Monsieur

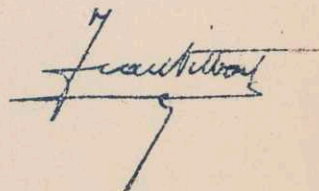
Nous avons l'honneur de porter à votre connaissance qu'au cours de ses émissions, la Radiodiffusion Française a diffusé, en répétition, certaines de vos conférences émises pendant l'heure de la Culture Française.

Or, la Radiodiffusion Française nous ayant chargés de payer les droits de l'Auteur se rapportant à ces répétitions, nous avons le plaisir de vous faire savoir que nous avons, à ce titre, à votre disposition la somme de 12.700 Francs.

Voudriez-vous avoir l'obligeance de nous indiquer comment vous désirez recevoir cette somme (chèque, mandat, etc..)

Veillez agréer, Monsieur, l'expression de nos sentiments les plus distingués.

Le Directeur :



[ans 5/28/52]

May 14, 1952

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

Dear Professor Wiener:

I am writing on behalf of the Mt. Vernon Church Youth Fellowship of Boston located directly across the river from M. I. T.

At our recent planning retreat, it was decided to have a Fall emphasis in our program dealing with problems of values in our increasingly mechanized culture. We were concerned particularly about the human values as related to the natural science. The view was expressed that it seems to be a deep depersonalizing process inherent in much of modern scientific method and research. Several of our M.I.T boys present suggested immediately that in the area of Cybernetics the implications of this problem are very sharply focused.

We would like, therefore, to cordially invite you to attend one of our Fall programs on October 12th to discuss with us some of the implications for personal values which you have drawn from your remarkable research.

The Youth Fellowship group has an active attendance of about 50 and consists mainly of college students in the Boston area. The Sunday evening meetings begin at 7:30 P.M. in the Chapel of Mt. Vernon Church, (6 Massachusetts Avenue, Corner of Beacon Street) and approximately 45 minutes are devoted to the main topic of the evening with a discussion period to follow if so desired by the speaker.

So that we may plan our Fall program before the summer, would you write me as soon as possible?

Very truly yours,

*Ruth M. Leighton*  
Ruth M. Leighton, Secretary  
Mt. Vernon Youth Fellowship  
526 Newbury Street  
Boston, Mass.

[copy 5/23/52]

14 May 1952

AP 9

117 West 75<sup>th</sup> St

NY 23 NY

Dear Professor Wiener -

I have but recently finished reading your 'Cybernetics'; or, to amend accurately, those sections I could digest, since I have not the background to follow the mathematical elaborations. If I may presume to remark, I was deeply moved by the richness of idea in the book, & the power & beauty of its central insight; while the humanism of its closing pages stamped, at least for me, the figuration of one of the truly great minds of our time. The attached pamphlet, the second of a printed collection of my work (which I am quite sure you are unacquainted with, & may wish, indeed, to remain so), is an attempt to express, in the giving of it to you, of wanting you to have something of mine as a partial repayment for the privilege of my having been able to touch, in your book, a primary illumination of man.

Respectfully -

Lil Lovitz

A GLOSS ON MISS PINK

I wonder how Miss Pink is tonight, and where.

She said goodbye as she rode away on a coral  
snake.

Tricky evanescence, that: the bend in the path  
did a double take.

Partly my fault: when a god by twilight must  
have an affair.

She had warned me she couldn't stand love's  
subtler forms,

with gods or devils, for long. "Proust  
should've had

a truckdriver", she said, "not a chauffeur.  
Poor lad:

wearing a handlebar mustache on his forehead.  
See ? No norms."

I miss her, rather. Especially when she bathed  
in birds.

Or wiped her sweat off with tinfoil. Or arranged  
a telecast

of a neutron's belly-dance before a panel of surds.

Anyhow, I'm sure she's down to earth again, where  
gods can't last.

LIKE A WHITE SAILBOAT

I hunt, like a white sailboat, outside your face.

Cast the sing: the silver birches are running  
quick in the water.

Winter flows in the summer sky: skis track the wind.

And sometimes a bird reels in the rain.

But I am taught that for thorough efficiency  
the oars must shallow through the currents:  
in nature my habits of depth capture nature's  
discards.

So, like a white sailboat, I hunt outside your face.

Still, waiting for Little Panther Point to scratch  
out my eyes;

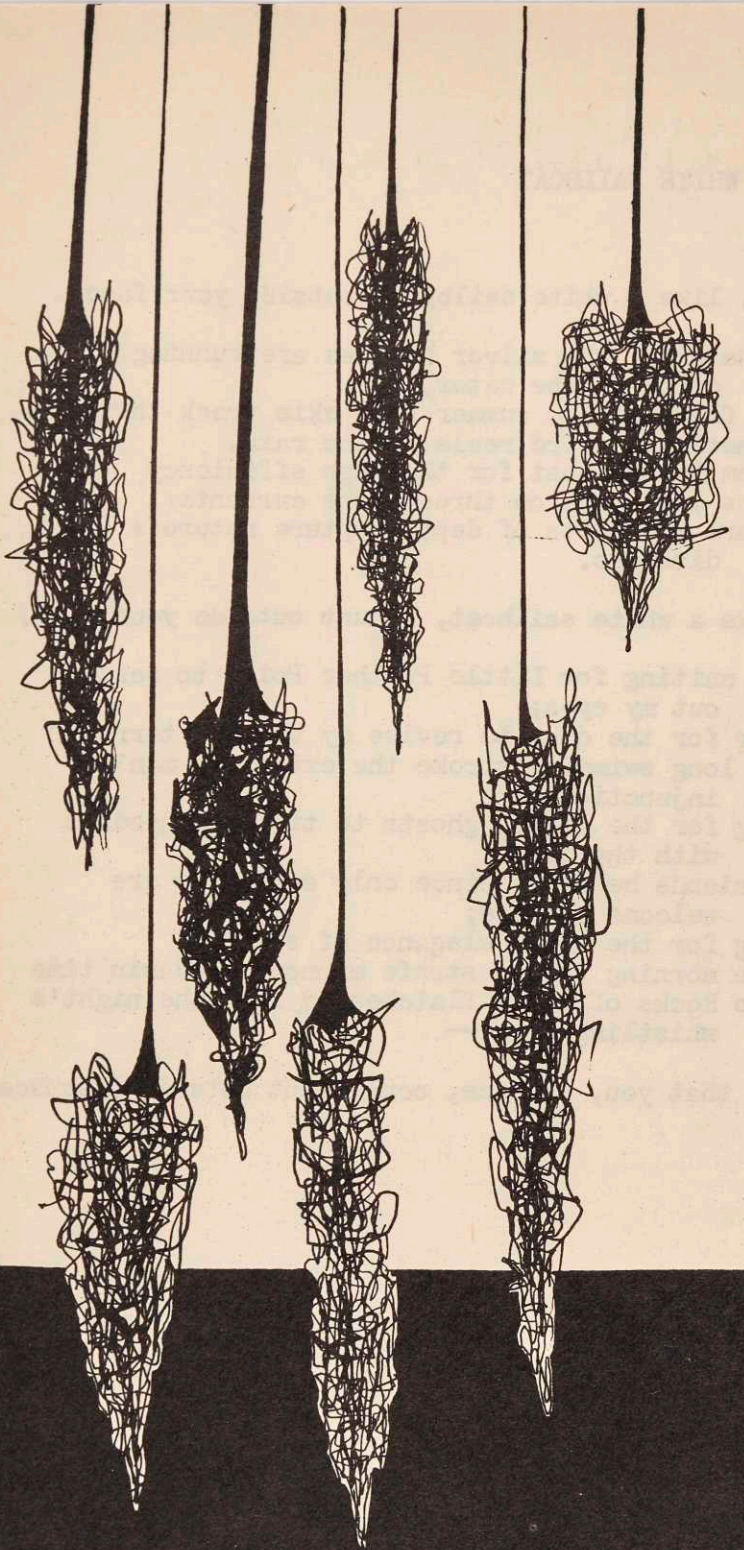
waiting for the deer to revise my uses of terror,  
and my long swimming stroke the extent of man's  
injunctions;

waiting for the Indian ghosts to tip pine-needles  
with the moon

that friends be shot, since only strangers are  
welcome to life;

waiting for the tough elegance of solitude  
for the morning sun to strafe minnow, moccasin time  
and the Rocks of Moses flatcheeked from the night's  
whistling wet ---

I wish that you, with me, could hunt outside your face.



LYRIC

maywine

emerald handbills on the  
vine  
insect and petal dewdip spidery pique  
is a petal green wing if you can

or can-can  
of a bees  
abdomen if you will  
my ear is drunk from maywines bottlebell

on the skys

romantique  
cloudy throat

we fight

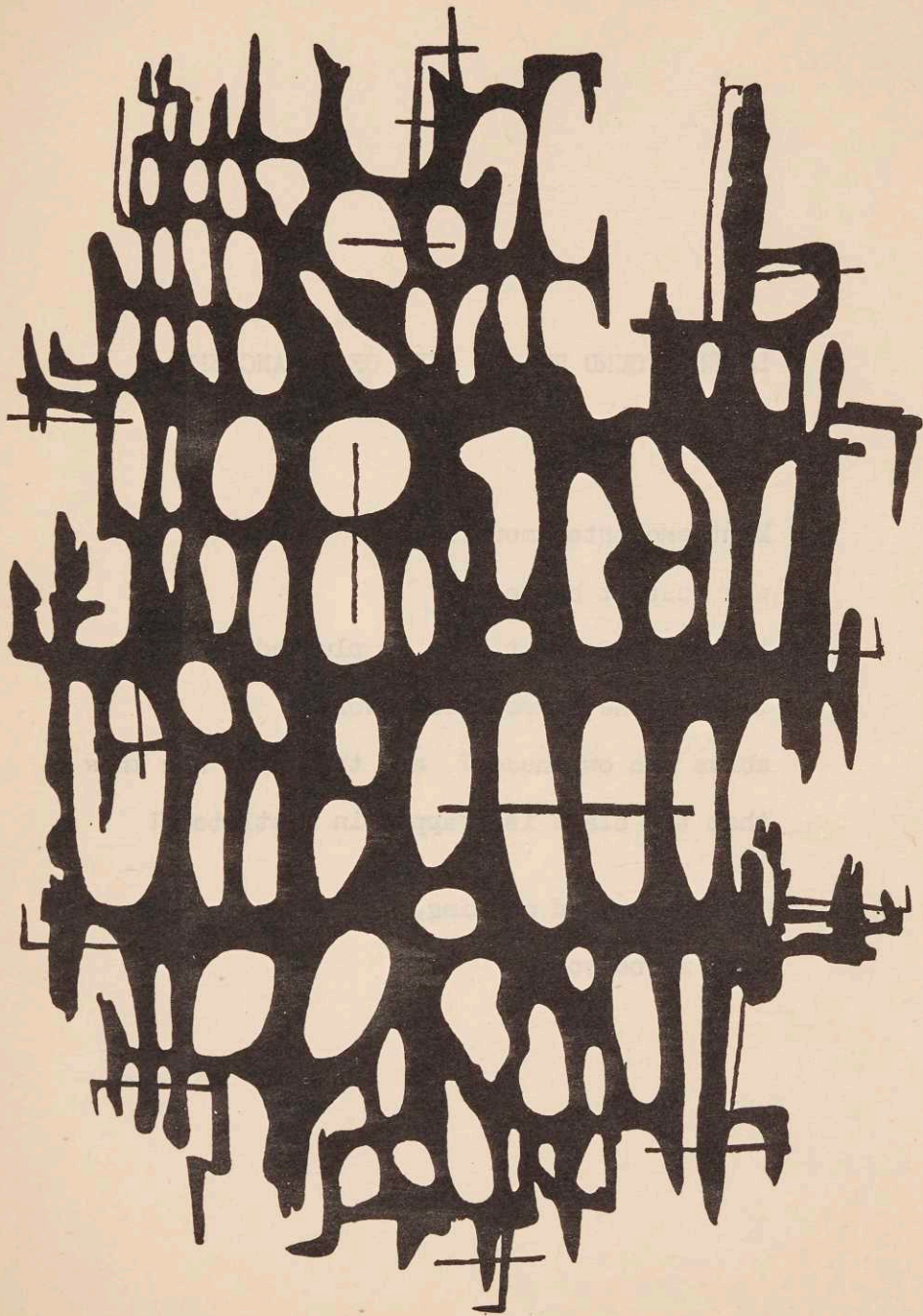
for spreedom  
for god face downward  
found afloat  
looped to the gulls  
from maywine in a turquoise moat

where angels were singing a spelling-bee

a celibate  
tripped on  
syzygy

an insect on a bird took flight  
a bird on a petal

spell  
n'air-do-well



MAT STONEMAN (To D.K., H.M., M.P., & N.K.)

I painted cats curled up in sound, and their strokes  
that wheeled aluminum flowers down the railroad-tracks.

I pressed their petals between the ties:

they scented the hoboies of old folks,  
and brought down the prices extolling Braques.

Yes, I painted nature at its human compromise:  
a sky that held the earth up by horizen's scruff.

Could you have guessed that I,

Mat Stoneman, held the sky ?

You know that roofs were nothing more than shadows --  
till I got tough....

And that Arab girl, who, naked but for the burnoose  
hood, whose loins insisted on World's Fairs

and her black eyes on orange-juice,  
flew into me on a witch's television-stick --  
the first to cross the Channel to pay

my esthetic dues.

I love her, in a gaudy sort of way.

There's nothing in ego that's worth surrendering:  
there is no proof the stars have a more ultimate reference  
than to the retinal encumbrance of my remembering:  
my wink, not their's, is the gallant deference.

I painted bums asleep in the wombs of crones;  
and those cross-eyed mirrors

produced by Christian psychiatrists, picking at the bones  
of insanity reverently left by the American assembly-line.

Poor Picasso, he did let social criticism pine  
when he furiously mewed the Marxian catechism.

Not that there has not been gall.

There has been gall oafish, and gall as subtle  
as my greatest picture, "Christ Cutting His Toenails",  
which no one will hang.

And there has been joy: by slang.

I will paint till the last absolute gets down on its  
comparative knee

to me,

Mat Stoneman, and to my brush, which is my fang.



I THOUGHT OF A LITTLE BLUE GIRL IN A BRIGHT BLONDE DRESS.

I thought of a little blue girl in a bright blonde dress,  
as, from a heaving embankment, at the passing trains,  
a little boy, his face grinning chains,  
hurled his testicles like rotten eggs.

I thought of a little blue girl in a bright blonde dress.

I thought of her smile between his legs,  
bagpipes at midnight, who hid her own white face  
between furry arms in sudden black grace,  
while the trainwhistle blew gaunt armistice.

I thought of a little blue girl in a bright blonde dress.

LAMENT FOUND BY THE SIDE OF AN ANCIENT

Mint-encrusted morning,

why must it be so

that a man's last hair is plucked

to hang the Damocletian sword

above his own head ? and then have him know

that the blade is wrapped in mistletoe !

Mint-encrusted morning,

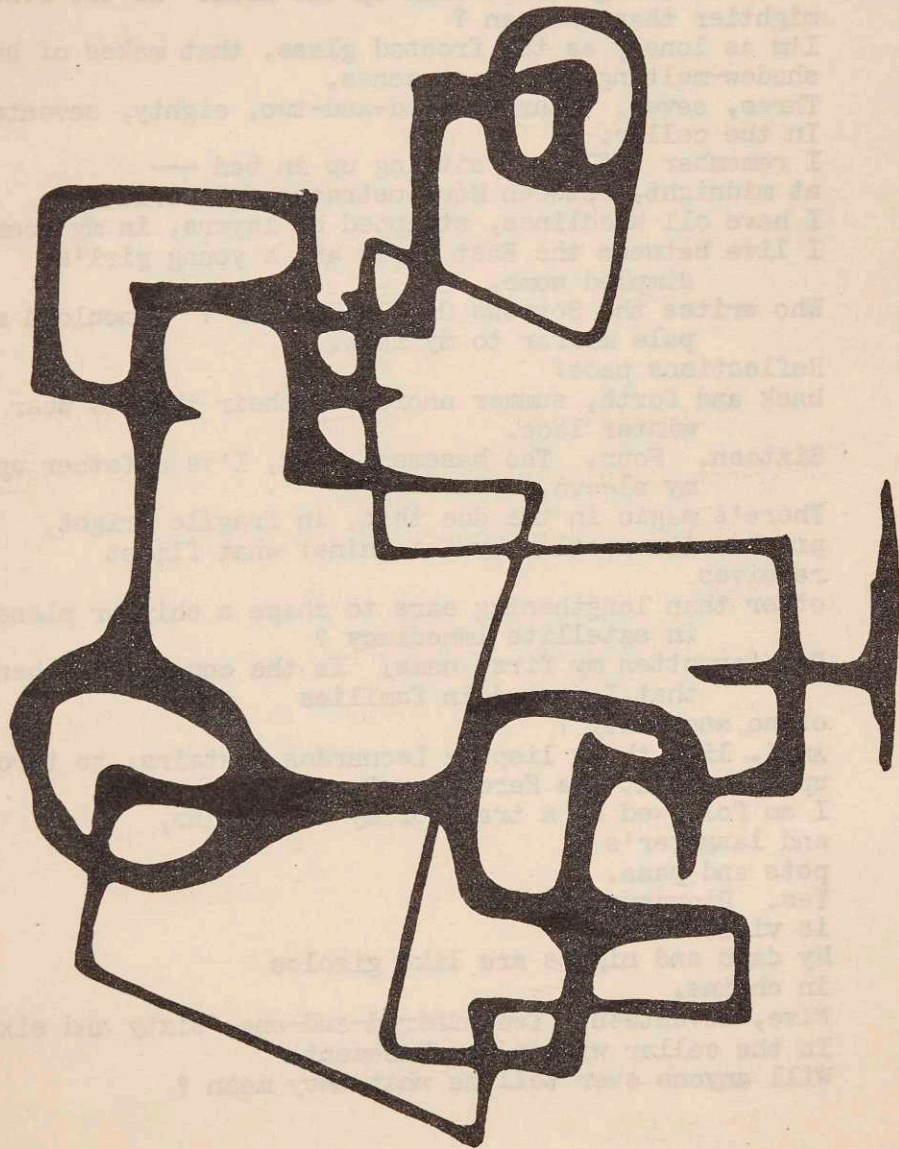
must it be so ?

LYRIC

Moralist, moralist,  
round my brow ---  
tickles baffle my toes.  
Will you go now ?  
What war can they run,  
or what peace grip,  
when the body's brass band  
gives them the slip ?  
Down the sundial's shadow,  
my tongue's at my toes.  
No moralist as long  
as either of those.

MISS NEURRMANN

Eighteen, ninety, one-hundred-and-three. Six, two.  
In the basement.  
They're excavating echoes down the street. Abasement.  
Goethe's orange-trees walk up the hill. Is the U.N.  
mightier than the pen ?  
I'm as lonely as the frosted glass, that makes of heads  
shadow-melting ice-cream cones.  
Three, seven. Four-hundred-and-two, eighty, seventeen.  
In the cellar.  
I remember inflation sitting up in bed ---  
at midnight, between Morgenstrasse and World War.  
I have all headlines, strapped by layers, in my room.  
I live between the East River and a young girl's  
dimpled womb.  
Who writes the Sorrows Of Old Werther ? I moulded a  
pale mirror to my face.  
Reflections pace:  
back and forth, summer ancients, their throats wear  
winter lace.  
Sixteen. Four. The basement. Oh, I've a father up  
my sleeve.  
There's magic in the doe that, in fragile fright,  
pricked its castles by the Rhine: what flight  
receives  
other than lengthening ears to shape a ship or plane  
in satellite immediacy ?  
But forgotten my first name, Is the conclusion then  
that I must join families  
of no anonymity ?  
Am I, like those lispng Leonardos upstairs, to throw  
up my hips at the Hereafter ?  
I am followed by a trail of my own stains,  
and laughter's  
pots and pans.  
Yes. Dionysus  
is vicious.  
My days and nights are like gigolos  
in chains.  
Five, seventeen. Two-hundred-and-one, sixty and sixteen.  
In the cellar within the basement.  
Will anyone ever tell me what they mean ?



MUG MANHATTANS SWINGING DOORS

spaghetti fog  
springs knives like eels  
streetcorners slouch  
in satin blouses

skyline rabbis  
read river scrolls  
by bridges torahs  
throw in the toll

truckwheel brogue  
oils the manholes  
for up the republic  
saint and slob

aspirin castanets  
skyscraper high heels  
atomic shine  
for a dime

mug manhattans swinging doors  
all come on the mayflower  
springdom come  
you're all on the house  
for a risky hour

LINES ON LAWNS

row-houses  
grim upright pianos  
where slim green lawns  
try to practice

anon  
dog pedagogue jogs up  
critiques a sniff  
and in keeping with chartreuse pupils  
shakes a blending stick  
at a bald interpretation  
in the grace-notes of grass

"you are discharged !"  
cry a matron and a sire  
for matrons and sires stand on pavements

children  
are the political prisoners  
of parents  
who live in row-houses

now  
the slim green lawns  
try to practice alone  
within fences  
and make the dull errors  
of unseeded passages  
children  
who otherwise  
would go to the dogs

HYMN

fivethirty a.m.

the electricgenerator

started off like an immortal scream

whelped in low key and smothered in thin snot

and exploded into a sickbelly throwup of fiery

eels and there was my woman my love

outside the window where god in the alleyway

went infinitely upstairs in a striped prisonsuit

of irondrunken firescapesteps but

there was my woman my love

outside the window with her crackling hands

on my oily neck blubbering Dont let me die

dont let me die dont let me die

but her legs and crotchair and hips were gone

and her entrails hanging out her torso

twisted clubs from an inverted golfbag

and I bawled I hate machines I hate machines

they make a hole in one

too gaddam easy

## THE DWARF

broken cloud the midriff,  
on the skyscrapers inverted suicide.

window by window the shadow calls the body's bluff;  
for every height a crouch.

badge to the badgered ! Sheriffs of Matter shall not  
serve notice to me,  
I, who do rape, arson, murder— beneath their contempt.  
and laughter, when in the flawless scrutiny of echo,  
better digests close to the ground,  
that it shall not ring awful conduits to the Great Ape  
who kills in the bland sublime --  
take Him, with all His angelic monkeys of the infinite !

only the grand dream grander;  
dwarfs decompensate. I'm free: I dream of nothing.

as today to be remembered, tomorrow a craze to be  
forgotten.

I pioneer in this ignored field: I will be enrolled in  
history  
as the first of the Titanic Forgotten !  
who have unmoved empires.

what need to shove men aside ? when they are persuaded  
I slip through the census of supersessions.  
love ? hate ? no: what have they to possess of fear  
from the underfoot clown ?

the forgotten will survive.

the middle-of-the-road is an alleyway that dwarfs inhabit;  
we trade in the sly glances of tritely limited practicality;  
we run errands for the mighty and stockpile their amnesias  
while they squander their gigantic remembrances;  
king, industrialist and revolutionary use us in turn,  
and never realize that we are the ones who ruin their  
bloody syntheses  
by our anemias of unconviction;  
but they cannot let our blood, and therefore let us alone.

## TO SIGHT THE WORLD

Keep to your belly to sight the world.

What  
is my mother doing on my back ? Get  
her under, get her sons under, and get  
my father buried. Put my love ahead  
of me as a dummy: let her be a heroin.

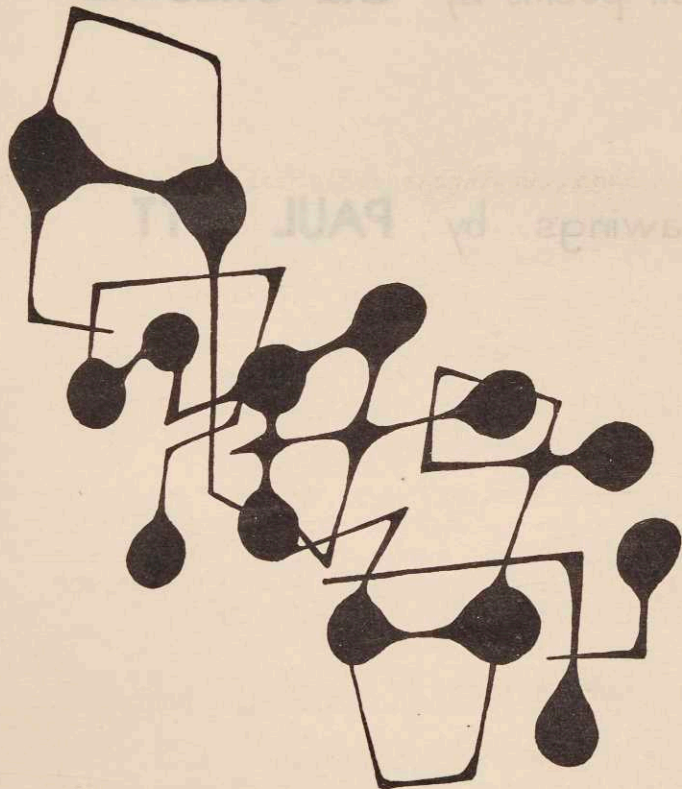
Keep to your belly to sight the world.

What  
are binoculars doing on my eyes ?  
If I cannot put my tongue into the mouth  
of my brother, let me spit on the lenses  
and shine them as fragments. Who can see  
humanity from afar ? — a braggart ?  
a beggar ? a corpse ?

Keep to your belly to sight the world.

What the hell is this crown  
of thorns doing on my forehead ? If death  
were aimed at me, I could not get my skull  
deep enough in the dirt because of it.  
Get it off — and crown my enemy with it.

Keep to your belly to sight the world.



in short, dwarfs record the broken-field runner of man's  
cry,  
this protozoa's protege, in short.

in short, the tattletales of veils,  
the fog's albino viscera  
the spine a skyscraper's handdog look,  
up it goes to its inverted suicide among the crushed ribs  
of the clouds;  
it cannot breathe among the punctured lungs of the stars.  
you cannot live lest you breathe dirt.  
dwarfs are old hands at stuffing themselves with the  
supreme flexibility of restriction,  
and so never expire of indigestion:  
it is dangerous to wash one's hands of immorality,  
in short.

in short, beauty lives for me as well,  
in a sunset like the choked and bloated neck of the world,  
in a wounded trap that cannot last too long,  
in the relief from the bird of burden set down that  
cannot last too long,  
in the birth that stretches a third string between two  
others over which we fiddle a circumcision-song,  
in a truth that cannot last too long  
beauty lives as well for me.

in short.

SONNET

I have sinned. Like men, my tears have fallen on  
their knees. I am abased; only I  
can raise me up, when purity ripples brawn.  
I must judge myself, lest men forgive my cry  
too soon: as I must never ease my gut  
by shaping their faces therefrom, so  
they must not wring their hands through mine unshut.  
Man to himself can never clearly go  
if he prays one palm against another's.  
There, my scalds are on the earth: crowd me not  
aside: this pool shall never be for brothers:  
how else shall I see myself plunged out of jot?  
Now let me sleep: my harsh toilet arranges rake;  
I will comb out my vanity when I wake.

# KEEP TO YOUR BELLY

fourteen poems by **GIL ORLOVITZ**

drawings by **PAUL LETT**

THE ROUND QUARTER SERIES OF NEW POETS & ARTISTS

Pamphlet No. 1

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KEEP TO YOUR BELLY

PAUL LETT: GIL ORLOVITZ

25



For Professor Herbert Wiener -  
in profound appreciation -

G. S. Claitor

May 1952  
NYC

The University of Kansas  
Lawrence

May 14, 1953

Department of Psychology

Dear Dr. Wiener:

I am sending you a translation of an article which I published in a German journal in 1926. I suppose, today one would entitle it somewhat as follows: Perception and action as processes of communication between the organism and the environment. I thought it might interest you how, in formulations which will undoubtedly sound quaint to you, some of the problems of modern communications theory are touched upon. Maybe there are also problems mentioned which modern theory has not yet considered.

I am no mathematician but I always was convinced that the structure which makes perception and action possible lends itself to a mathematical formulation. Again and again I tried to interest physicists and mathematicians in it but I had no luck.

In case one of your group has already applied some of the findings of communication theory to problems of perception, I would love to hear about how that is done.

Sincerely yours,

Fritz Heider

[ans 5-29-52]

# THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

TWENTY-NINE WEST THIRTY-NINTH STREET

NEW YORK 18

May 14, 1952

Professor Norbert Wiener  
Massachusetts Institute of Technology  
Cambridge 39, Massachusetts

Dear Professor Wiener:

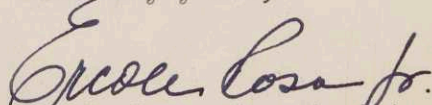
I am writing to you at the suggestion of Professor Sebastian Littauer of the Department of Industrial Engineering of Columbia University, to invite you to present a paper at a session sponsored by the Management Division at the Annual Meeting of the American Society of Mechanical Engineers. The Meeting will be held in New York City on Wednesday, December 3, 1952.

The session will be devoted to a discussion of the fundamental problems related to the introduction and operation of an automatic factory and their effect upon the function of the manager. Specifically, we are planning on a paper which will present the basic characteristics and requirements of the automatic factory in a formal mathematical manner. The importance of your creative work in the general area of "Cybernetics" is well recognized and appreciated. It is also recognized that as the whole concept presented by your thinking in this field develops and is applied in industrial activities, it will, and has had, a serious effect upon the work and the thinking of the mechanical engineer, in general, and the manager-engineer in particular. We, in the Executive Committee consider this both an obligation on our part, and at the same time, an honor, to invite you to discuss this fundamental problem at a large formal meeting of the A.S.M.E.

We are extending a similar invitation to Professor Doriot of the Harvard School of Business to present a paper at the same session devoted to the progress being made in industry toward the utilization of the automatic cycle concept in production. We are allowing time in our program for a substantial period devoted to a discussion of the papers.

We are looking forward to a well-attended session with a competent, highly-technical audience of active engineers in industrial management. There are many who are eager to obtain more information concerning the basic thinking and the practical problems involved in the application of "Cybernetics" in industry. We certainly do hope that you will be able to join us for this important session at the Annual Meeting of the A.S.M.E.

Sincerely yours,



Ercole Rosa, Jr., Assistant Secretary  
EXECUTIVE COMMITTEE, Management Division

ER:jb

[ans 5/28/52]