

336

CORRESPONDENCE Feb. 1964

N. WIENER - MC 22

J.D.Cowan  
Electrical Engineering Department  
Imperial College  
London S.W.7  
England

February 1964

Dear Dr. Arbib,

It will be a great pleasure and privilege to fulfil Professor Norbert Wiener's and your request.

I shall meet you when you arrive in Moscow and introduce you to scientists here. October 1964 is a very convenient period of time for your visit. I shall do my best to organise your meeting with the people who work in the field of your scientific interest.

As far as your lecturing is concerned this problem needs time to settle and I shall inform you of its outcome as soon as possible.

At the moment I can only guarantee the gathering of a round table discussion of any scientific problem you wish to raise.

On a tour of the country you should get in touch with a representative of the Soviet Intourist Agency in London.

Sincerely yours,

*A. Letov*

/A.Letov/

Copy: to Dr. Norbert Wiener

DR. NORBERT WIENER  
c/o MASS. INSTITUTE of TECHNOLOGY

EDWARD J. VELTE III  
BOX 927  
MINOT AFB N. DAKOTA 58703

Dear Dr. Wiener:

Being very much aware of your capabilities, as shown by your recent acceptance of the NATIONAL MEDAL of SCIENCE, and thusly interviewed by the U.S. NEWS & WORLD REPORT, I am requesting your assistance.

Your interview showed that you have a strong knowledge of the "thinking machines" . I have long been interested in the field of cybernetics, and this interest has been livened by my field in the Air Force: Communications-Electronics Maintenance.

My interest in cybernetics goes a bit deeper, in that I have had the desire to someday perfect the functional Robot. Currently I am majoring in Mathematics at the Minot State College, and plan to attend the University of California to further my education in preparation for the field of development of computer-controlled, remote-controlled Robots.

So far I have been able to procure little information in this field, such as who presently are working in that field and functional plans for the developing of the Robot. I would appreciate any information that you can give me in this field, sir,

*Edward J. Velte III*

EDWARD J. VELTE III

*Next Form letter*

Prof. Bose had a letter from this person of which he quoted the following text over the phone. I gather Prof. Wiener met Mr. Skee once while in Prof. Bose's office. (Prof. Bose incidentally apologizes for this "literary" masterpiece of Mr. Skee.)

Some work has been done on solid state devices and a Barium titanate driver on the hearing thing, but not enough, and we are getting into a better modulation idea using a base modulation in the next future.

The thing has a great possibility and we are dedicated to getting something out which we can present to that wonderful Dr. Wiener up there. Interesting confirmation of the bone transmission application is discussed quite well in the Jnl. of the Acoustical Soc., Nov. (last) issue, page 1738, by John Corso, and that revelation is making us jump so we don't lose the initiative here.

V.J. Skee, President  
Electrical Applications, Inc.  
Danbury, Ct.



DREXEL INSTITUTE OF TECHNOLOGY

ENGINEERING - BUSINESS ADMINISTRATION  
HOME ECONOMICS - LIBRARY SCIENCE

PHILADELPHIA 4, PA.

DEPARTMENT OF PSYCHOLOGY  
AND EDUCATION

February  
Third  
1964

Mrs. Eva-Maria Ritter, Secretary,  
Attention Dr. Norbert Wiener,  
Room 2-276,  
Department Mathematics,  
Massachusetts Institute of Technology,  
Cambridge 39, Massachusetts.

Dear Mrs. Ritter,

Thank you for your letter in the absence of Dr. Wiener.

I believe you must have misunderstood my request: What graduate schools provide the best opportunities for concentration in the area of bio- or medical engineering?

The students I have reference to, will have had ample background in engineering and/or scientific studies, a degree in which today requires liberal arts as well as scientific concentration.

Dr. Norbert Wiener's appeal to students at Swarthmore College is being passed on by me to some Drexel students, many of which I have in coursework in psychology. Even though Dr. Wiener is in Europe, you, as his secretary, I believe might have the requisite information.

Very truly,

*Emily M. Fletcher Cooper*

Emily M. Fletcher Cooper  
Adjunct Professor Psychology

EMFC\*s

*Johns Hopk*  
*Prof. Noice Goldstein*  
*Johns Hopkins*  
*M. I. T. Rosenblatt*  
*Dept. of Psych.*  
*[ans 2/18/69]*

Prof. Dr. med. F. Schennetten

Berlin-Charlottenburg 4, den 3.2.64  
Schlüterstraße 35  
Ruf 91 16 46

Herrn

Professor Dr. Norbert W i e n e r ,  
Kybernetiker-Protagonist,  
Massachusetts Institute of Technology,  
Department of Mathematics,  
C a m b r i d g e, Mass. USA  
-----

Sehr geehrter Herr Professor Dr. W i e n e r !

Mein an Sie gerichtetes Schreiben war nach New York gesandt  
worden. Da ich inzwischen Ihre Adresse erfahren habe, erlaube  
ich mir, Ihnen hiermit meine guten Wünsche und Empfehlungen,  
auch an Ihre verehrte Gattin , zu übermitteln.

Mit besten Empfehlungen

Ihr sehr ergebener



sent first letter  
on to Amsted.

Office of Science and Technology

Feb. 6, 1964

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TO: Dr. Wiener

We have just received from the White House these additional pictures of the Medal of Science ceremony. We hope the pictures sent to you about 10 days ago were received in good condition.

[ans] 2/28/64

From the Desk of Robert Barlow

G. S. Taylor  
7467 Rhoades Ave.  
Phila. 51, Pa.

February 7th, 1964

Professor Norbert Wiener  
c/o Massachusetts Institute Of Technology  
Cambridge, Mass.

Dear Professor Wiener:

I recently read your book: "Cybernetics" and found it very stimulating.

On page 189 you ask the question: "Who is to assure us that ruthless power will not find its way back into the hands of those most avid for it?" Elsewhere in the book you show a serious concern on this and related questions. You may, or may not know, that Albert Einstein was similarly concerned and so far as I know never grasped the essence of the correct solution so well illuminated by the great American Social Scientist, Daniel DeLeon (dead since 1914).

DeLeon's scientific solution is well expressed in the enclosed 30 page pamphlet entitled: "Socialism and The State" published by the Scientific Socialists of Great Britain in 1942. I recomend it to your serious study. I have found it fully adequate and the proposed solution, as well as the analysis have been known to me for 27 years now, during which time I have used this understanding to satisfactorily answer others who were groping for a solution. This understanding in debate easily demolishes all arguments which have been posed.

With admiration for your truthful outspokenness, I remain

Sincerely yours,

*George S. Taylor*

encl.

*not answered*



**memo** / *William Gray, M.D., 23 Bay State Road, Boston 15, Massachusetts 266-7370*  
*58 Pine Crest Road, Newton Center 59, Mass. 244-0638*

Boston Systems Group, Milton Rubin, President  
William Gray, M.D., Secretary-Editor  
February 8, 1964

Dear Professor Wiener,

As you must know, our regardfulness for your state of health outweighed our disappointment in your not being able to speak to our Boston Systems Group, and we do hope that this will come about upon your return to the States. I am sending along a copy of a letter from Ludwig von Bertalanffy, a mathematical biologist and the founder of the Society for General Systems Research, and a copy of my reply to him. Communication channels are a wonderful affair, sometimes working when you least expect it, and other times failing to work when they should. It is obvious that von Bertalanffy did get a copy of the announcement I had written about your speaking to the group.

Larry Frank did a magnificent job in filling in for you. Finally, I must say I learned a great deal from puzzling out the meaning of your title of "Some Approximate Invariants between Dynamical Systems and Quantum Theory". We hope that you will have a most enjoyable trip and that we will hear from you.

*William Gray*

DEPARTMENT OF ZOOLOGY



EDMONTON, ALBERTA  
CANADA

January 9, 1964

Dr. William Gray  
58 Pine Crest Road  
Newton Center  
Massachusetts

Dear Dr. Gray:

I have received, with great interest, your announcement, dated last December, of the impending visit of Professor Wiener to the Boston Systems Group. I cordially wish your Chapter all the best and very good success in the new year. Having been one of the founders of the Systems Society (as you certainly know), I am naturally interested in the further developments.

I only regret that we obviously missed a coming together when last June I was in Boston, addressing the Fifth Conference on Psychiatric Research of Harvard Medical School. Perhaps there will be another opportunity.

Yours sincerely,

A handwritten signature in cursive script, appearing to read "Bertalanffy", followed by a stylized flourish.

Dr. Ludwig von Bertalanffy  
Professor of Theoretical Biology

LvB:bh

WILLIAM GRAY, M.D.  
23 BAY STATE ROAD  
BOSTON 15, MASSACHUSETTS

January 19, 1964

Dr. Ludwig von Bertalanffy  
Professor of Theoretical Biology  
University of Alberta  
Edmonton, Alberta  
Canada

Dear Dr. von Bertalanffy:

It is indeed a great pleasure to hear from you. I have always looked forward to meeting you, and hope that you will soon again be in Boston, where we would be most highly honored to have the founder of the Society for General Systems Research as a speaker.

We thank you very deeply for your good wishes for the new year, and will certainly keep you informed of developments. In a sense the year has already begun very well, in that the idea for having a symposium on "General Systems and the Two Cultures" at the national meeting was suggested by our local president, Milton Rubin. His idea was accepted and the meeting which Milton chaired was very successful, with the speakers being Anatol Rapoport, Karl Deutsch and Margaret Mead.

We are at present engaged in lining up speakers for the coming months and so far have Robert Fano of Project MAC (Multiple Access Computer) of M. I. T., and Professor Philip Morse of the Operations Research Center of M. I. T. \*

I want to apologize for our not having taken the initiative previously to write to you, but we had gained the impression that until we had something of great importance to say, it would not be fair to take up your valuable time. With the receipt of your letter we realized our mistake, and apologize most humbly for this.

With your permission I will send a copy of your letter to Professor Wiener, who, I am sure, will be most delighted to see it. With your further permission I will also send a copy to Gerald Weinberg, and will print your letter in our Boston Systems Group Bulletin, as I am sure our members will be most pleased and honored to have this personal note from you.

\*Professor Hudson Hoagland will probably also be a speaker, but wanted first some further information about the group. I enclose a copy of the letter I have sent to him in this regard.

January 19, 1964

Unfortunately Professor Wiener developed a temperature of 101 degrees the evening before the meeting, and so could not attend. His place was taken by Professor Lawrence Frank, who gave an excellent talk on organized complexities. I called Professor Wiener to express our regret at his not being able to speak, and during our conversation he said that he was most interested in speaking and would address our group in the future. We will have to wait a while because Professor Wiener, shortly afterwards, took off on an extended tour.

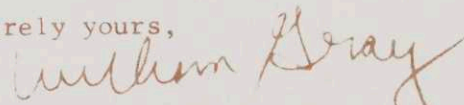
I would personally like to express my appreciation to you for the great value that your articles, particularly the two that appeared in Vol. VII of the General Systems Yearbook, have had for me. I am in the very early stages of trying to develop some general systems models of what goes on in psychotherapy, and would appreciate hearing about any further material you yourself may have written on this subject, or that others you know may have written. I have been invited by some people here at Northeastern University in Boston to do some work in attempting to formulate a general systems approach in education, and will keep you informed about the progress of this project. It is my feeling that psychotherapy is a special type of education, at least in many instances, describable somewhat in the term "psychiatric-tutorial approach". I enclose a copy of a letter I recently write to the director of medical services of one of our local universities, recommending the admission of a young man I have been working with, which spells out the meaning of "psychiatric-tutorial psychotherapy" in a bit more detail. I think that one of the most important developments in the near future will be the formulation of a "general systems approach" in education.

Fred Wood, the president of the Bay Area group of the Society, gave a very fine paper at the national meeting on "Negentropy and the Concepts of Freedom, Justice and Democracy". I am sure that should you be in the Bay Area, their group would also be most honored to have you as a speaker. I am happy to say that my daughter, a freshman in engineering at Berkeley, is a member of the Bay Area Systems Group.

Finally, at the national meeting at Cleveland we heard news of the desire of members of the S. G. S. R. to form local groups in the Baltimore-Washington area, and probably in Montreal. Milton Rubin and I gave them the advice of the experience we have had. Gerry Weinberg knows much more about these developments than I, and I am sure that he will be in touch with you about them.

I share your regret about the missed opportunity to meet you last June when you were in Boston addressing the Fifth Conference on Psychiatric Research at Harvard Medical School, and I shall make it my business not to miss another such opportunity.

Sincerely yours,



-----  
Boston Systems Group Chapter of the Society for General Systems Research

Milton Rubin, President

William Gray, M.D., Secretary-Editor

February 8, 1964

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

Dear Dr. Wiener,

I am a minister in educational work. I am a graduate of Yale University (B.A.) and of Harvard University (Th.D.). As part of my work I am writing small reviews of contemporary science. I am now working on a little book (or pamphlet) entitled Evolution in the Space Age, in I try to acquaint my readers with the new world into which science has led us. Naturally, I wish to make some mention of automation and of course cybernetics. May I quote from the following article by you which appeared in Science? I was very interested in the word cybernetics. Before I met this word in your writings it was familiar to me in theology. I used to be a minister in the Dutch Reformed Church (my name is not Dutch, but I have Dutch connections). There Kybernetiek means church government. I thought that you might be interested in this. Calvin Seminary in Grand Rapids can tell you more about this usage of the word which you have made so famous. To us it seemed an insufferably recondite word, but you have brought to the foreground and converted it into a popular term.

Yours sincerely,

*Edward F. Hills*

Rev. Edward F. Hills, Th.D.,  
1906 46th Street,  
Des Moines 10, Iowa

"Some Moral and Technical Consequences of Automation", by Norbert Wiener, Science, vol. 131, 1960

- p. 1355 An intelligent understanding of their mode of performance may be delayed until long after the task which they have been set has been completed.
- p. 1358....man and machine operate on two distinct time scales, so that the machine is much faster than man and the two do not gear together without serious difficulties.
- p. 1357-58 Similarly, if a bottle factory is programmed on the basis of maximum productivity, the owner may be made bankrupt by the enormous inventory of unsalable bottles manufactured before he learns he should have stopped production six months earlier.

[ans 2/20/64]

**ASSOCIATION INTERNATIONALE  
DE CYBERNETIQUE**

A. S. B. L.

Secrétariat :  
Palais des Expositions  
Place André Rijckmans  
**NAMUR (Belgique)**

Tél. (081) 279.83

N° .....

Namur, 10th February 1964.

Dear Member,

We are pleased to inform you that our Board of Administration, at its meeting on 13th December last, has decided to keep the subscription for the period of 1964 at 200 Belgian francs.

We should be obliged if you would forward this amount at your earliest convenience, in accordance with the details shown on the enclosed form.

We would call your attention to the fact that this year we are organising the 4th International Cybernetics Congress at Namur, from 19th to 23d October. Subjects dealt with at the Congress will be divided into five groups :

1. - Principles and methods of Cybernetics.
2. - Semantic machines.
3. - Automation: technical aspects.
4. - Automation: economic and social aspects.
5. - Cybernetics and Life.

The fees for participation in the Congress are 400.-frs for members with paid-up subscriptions for 1963 and 1964, and 800.-frs for others. No fees will be charged to the authors of papers.

The Proceedings of the 3rd Congress (held in 1961) will be published in the course of the next few months.

.../...

Our quarterly journal "Cybernetica" is entering on its seventh year. We would remind you that its pages are open to members wishing to publish their work relating to Cybernetics.

On 14th December 1963 we organised at Namur a one-day session devoted to the theme of "Teaching and Cybernetics". The papers read there will be published in one of the numbers of our 1964 journal.

Despite the modest means at its disposal, the Association, founded in 1956, is devoting its efforts, with reassuring success, to implementing the aim set by its statutes: the dissemination of the concepts of Cybernetics over as wide a field as possible.

We are convinced that you will be anxious to maintain your valued support, and to contribute in this way to the propagation of a way of thought central to the aims of modern science.

We take the liberty of stressing the need for payment of your subscription, by return of post: in this way we can avoid the necessity of reminders which are a needless burden on our finances.

Yours faithfully,

On behalf of the Board of Administration

Managing Administrator,

President,

J. LEMAIRE.

G. R. BOULANGER.

INTERNATIONAL ASSOCIATION  
FOR CYBERNETICS.

Application form for Association Members

(Please return it to the International Association for  
Cybernetics, Palais des Expositions, Place A.Rijckmans  
Namur, Belgium)

I the undersigned (Surname and first name).....  
Address: (Town/city).....County/State .....

(Street Ave).....  
(Country).....

1) pay the membership fee for 1964 200.- BF.

2) wish to publish the following article in "Cybernetica"  
.....  
.....

The text will be sent to the Secretariat of the Association  
in :(month).....

3) a) intend to take part in the 4th International Cybernetics Conference  
at Namur from 19th to 23rd October 1964,

b) will take part in the work of ) the section(s) mentioned below  
will present a paper to )

Work Papers

Section I Principles and methods of  
Cybernetics

Section II Semantic machines

Section III Automation :technical aspects

Section IV Automation : economic and  
social aspects

Section V Cybernetics and Life

Title(s) of the paper(s)

.....  
.....  
.....

c) enclose the fee for attendance at the Congress 400.- BF.



4) wish to receive the following publication(s) at the special rate for members of Association

( ) Cybernetica vol. I	1958	BF. 150.-
( ) Cybernetica vol. II	1959	BF. 150.-
( ) Cybernetica vol. III	1960	BF. 150.-
( ) Cybernetica vol. IV	1961	BF. 150.-
( ) Cybernetica vol.V	1962	BF. 150.-
( ) Cybernetica vol. VI	1963	BF. 150.-
( ) Cybernetica vol.VII	1964	BF. 150.-
( ) Proceed.1st Congress	1956	BF. 800.-
( ) Proceed.2nd Congress	1958	BF. 800.-
( ) Proceed,3rd Congress	1961	BF. 900.-
( ) Econ.& Soc.Implic.of Automation		BF. 75.-

I pay the total amount .....(1)  
Membership fee B.F. 200.-  
Congress fee B.F. 400.- (2)  
Publications .....(1)

Given at.....on the.....

(1) Fill in

(2) strike out when not applicable.

METHODS OF PAYMENT.

The payment may be made by banker's order to Account n°77.851 of the Banque de la Société Générale de Belgique, Namur (Belgium) and made out to the Association Internationale de Cybernétique, à Namur (Belgium); or through the Office des Chèques Postaux, Account 453.56 of the Association Internationale de Cybernétique à Namur (Belgium); or by cheque or postal money order made out to the Association Internationale de Cybernétique, Palais des Expositions, Place A.Rijckmans Namur (Belgium).

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

JOSEPH H. KEENAN  
~~JOSEPH H. KEENAN~~

CAMBRIDGE 39, MASSACHUSETTS

February 10, 1964

AIR MAIL

Professor Norbert Wiener  
In care of Dr. J. P. Schade  
Netherlands Central Institute for Brain Research  
59B Mauritskade  
Amsterdam, Netherlands

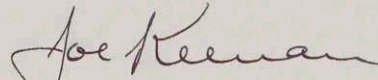
Dear Professor Wiener:

A special summer program entitled "Thermodynamics, A Unifying Science" is scheduled at M.I.T. for June 30 to July 3, 1964. Professor George N. Hatsopoulos and I are in charge. I am writing to ask if you would be willing and able to take part in one or more panel discussions which will be held in the course of this program. In particular, we should like to have you contribute to discussion of the statistics of ensembles and information theory.

Professor Hatsopoulos and I have been working for some years on a re-examination of the fundamentals of thermodynamics which we now consider to be a "law of stable equilibrium" and the Gibbs principle of generalized inertia. The law of stable equilibrium we state as follows: A system having specified allowed states and an upper bound in volume can reach from any given state one and only one stable equilibrium state with no net effect on its environment. The Gibbs principle of generalized inertia is given in the middle of page 60 and the top of page 61 of Gibbs's "Collected Works," vol. 1. From the law of stable equilibrium we deduce the first and second laws of thermodynamics and from the Gibbs principle the so-called zeroth law. In this summer program we shall discuss how the statistics of ensembles, fluctuation theory, and information theory can be based upon these same principles.

We are planning for an eminent list of participants. We expect to have Edward Teller and hope to have H. B. G. Casimir. From M.I.T. we are inviting Beattie, Shannon, and others. It is important to the success of the program that you should participate to whatever extent you please. Please let me know your decision.

Cordially yours,



Joseph H. Keenan  
Professor of  
Mechanical Engineering

JHK:lab



# THE TECHNOLOGY REVIEW

EDITED AT THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
CAMBRIDGE 39, MASSACHUSETTS

February 11, 1964

Professor Norbert Wiener  
c/o Dr. J. P. Schade  
Netherlands Central Institute  
for Brain Research  
59 B Mauritskade  
Amsterdam, The Netherlands

Dear Norbert:

Your secretary and I have both gone over the transcription of your talk that Rabbi Pollack made. We have trimmed it a great deal, but tried not to affect your meaning, and striven to keep the natural spontaneity of your speech.

I think it is clear, forthright, and challenging. We want to publish it in The Review as soon as possible.

But I don't want to take chances of winding up in the doghouse with John Lear. So will you read it, please, before I send it to the printer? Make any changes you wish, and air mail it back, please.

We miss you very much. I hope your work is going well and that both you and Mrs. Wiener are having a delightful winter. Think of us, occasionally, and come home soon!

Sincerely,

Volta Torrey,  
Editor

VT/mk  
Enc.

[ans 2/18/64]

INDIANA UNIVERSITY  
GRADUATE INSTITUTE FOR  
MATHEMATICS AND MECHANICS  
SWAIN HALL—EAST  
BLOOMINGTON, INDIANA

February 11, 1964

Professor N. Wiener  
c/o Dr. J. P. Schade  
Netherlands Central  
Institute for Brain Research  
59B - Mauritskade  
Amsterdam  
The Netherlands

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*

Andrew H. Wallace  
Acting Head

AHW:dm

*answered previously*

FOLD SIDES OVER AND THEN FOLD BOTTOM UP  
MOISTEN FLAP WELL AND APPLY PRESSURE TO SEAL

[ans 2/14/64]

INDIANA UNIVERSITY  
GRADUATE INSTITUTE FOR  
MATHEMATICS AND MECHANICS  
SWAIN HALL—EAST  
BLOOMINGTON, INDIANA



Professor N. Wiener  
c/o Dr. J. P. Schade  
Netherlands Central  
Institute for Brain Research  
59B - Mauritskade  
Amsterdam  
The Netherlands

**AÉROGRAMME • PAR AVION**

FIRST FOLD

SECOND FOLD

DO NOT USE TAPE OR STICKERS TO SEAL  
NO ENCLOSURES PERMITTED

Office of Public Relations

Answered  
Feb. 14

February 12, 1964

Dear Mrs. Ritter:

Recently Mrs. Wiener was in our office and requested copies of photos of Professor Wiener to be sent to them in Holland. She said you would handle the shipping. There are still a few from another photographer which will be here soon, but I thought over —

you might wish  
to send these on  
ahead.

Thank you very much.

Sincerely,

Beth Bogie

P.S. The photos she  
said were to be  
used by the press  
or were for their  
own personal collection.



**CHARLES A. POWERS & SONS**  
**I N S U R A N C E**  
125 HIGH STREET, BOSTON, MASSACHUSETTS  
TELEPHONE: HUBBARD 2-3640

RODNEY C. POWERS  
CHARLES A. POWERS, JR.

**SOUTH SHORE OFFICE:**  
410 NO. MAIN STREET  
RANDOLPH, MASS.  
TEL.: WOODLAWN 3-2800

ASSOCIATES  
FLINT TAYLOR  
PIERCE W. GADDIS  
GEORGE H. DOGGETT

February 12, 1964

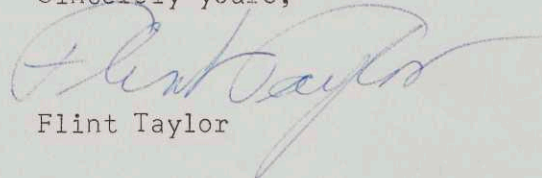
Mrs. Ritter  
c/o Dr. Norbert Wiener  
Mathematics Dept., M.I.T.  
Cambridge, Massachusetts

Dear Mrs. Ritter:

I believe you have heard of me as handling insurance matters for Dr. and Mrs. Wiener. I have had a check for them in the amount of \$83.25 representing the payment under their Homeowner's policy for damage last December. May I ask that you tell me how I should handle the check. Is there a way of depositing it to their account in the United States and informing them of this, or, may I send it to their daughter, although I doubt she is empowered to sign Dr. Wiener's name for him.

Your suggestions by telephone at HU2-3540 will be appreciated.

Sincerely yours,



Flint Taylor

FT:ec

*Told them by phone to credit the amount to account of Prof. Mrs. Wiener and to mark back of check "for deposit only"*



SAMUEL BAGNO  
18 COLUMBUS AVENUE  
BELLEVILLE, N. J.

February 14, 1964

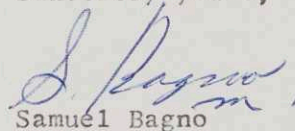
Dr. Norbert Wiener  
Massachusetts Institute of Technology  
Cambridge 39, Massachusetts

Dear Dr. Wiener:

I am writing to inform you of the symposium on my book, "The Angel and the Wheat" (Communication Theory and Economics) being held at Tufts University, February 20, 1964 at 3:45 p.m. An invitation is enclosed.

The discussion will center around the ideas presented in the book, which, I hope, have aroused your interest. If so, I will be happy to see you at the discussion.

Sincerely yours,

  
Samuel Bagno

SB:m  
Enc:

[ans 2/18/64]

# COPY

February 14, 1964

Professor Andrew H. Wallace  
Graduate Institute for Mathematics and Mechanics  
Indiana University  
Bloomington, Indiana

Dear Professor Wallace:

This letter is in answer to your inquiry concerning Dr. Giacomo Delle Riccia.

Dr. Della Riccia is an instructor in the Institute for Theoretical and Nuclear Physics of the University of Naples. He has been working with me during my stay at that Institute for a year (1962) and for a year at M. I. T. (1963) under a grant of the National Science Foundation. The project is to reduce quantum physics to a basis of classical dynamics in a manner rather different from that of De Broglie and his school have approached the problem.

I have found Dr. Della Riccia invaluable to me for his intelligence, his initiative, his patience and his scientific integrity. He started working with me in Naples while still a candidate for his doctorate in solid state physics at the Sorbonne. He has since obtained his degree. As you will see his work with me represents an abrupt shifting of his field of interest to that of statistical mechanics. Of this field he is now in full possession, both through his reading and his own work. He has also grounded himself in electrical engineering, and in this he has held an industrial position after studying at the Ecole Superieure de Telecommunication in Paris.

I think that Dr. Della Riccia and I have now reached a point important in the development of a more constant basis for modern physics. The work we do largely together at the blackboard. Scarcely a day passes in which we do not independently obtain identical results. His understanding of the meaning of each step of the work is excellent, and I can trust his manipulation far better than I can trust my own. Wherever he may be I wish to continue our joint work.

He is a modest, but not a passive person who has just come to the stage of overcoming the diffidence which belongs to most young men. He is friendly, considerate, thoughtful and enthusiastic. He is married to a charming young lady from Naples and is leading a happy life. He shows great competence and maturity in his scientific work as well as in the practical things of life. Five years from now any institution which has appointed him will have cause to congratulate itself.

Sincerely,

# COPY

February 14, 1964

To Whom It May Concern:

Mrs. Eva-Marie Ritter has been in my employ since the fall of 1959. I have found her a very satisfactory secretary and very devoted to my interests. She has a good speed in taking dictation and in typing, as well as a thorough understanding of the demands of my affairs. She is in touch with my scientific and publishing affairs in America and outside. Her good knowledge of English, German and French, and usable knowledge of Spanish and Italian have been most useful to me.

She is thoughtful and has a pleasant personality which has been essential in dealing with the various people who come to my office. She has been of great assistance to me in seeing several books through the press.

I am sure she will measure up to any position she accepts.

ATHENS TECHNOLOGICAL INSTITUTE  
ATHENS CENTER OF EKISTICS  
24, STRAT. SYNDESMOU ST., ATHENS 136, GREECE - TEL. 623.216 - CABLE: ATINST

INTERNATIONAL PROGRAMS DIVISION

DELOS SECRETARIAT

C-IPD 180

15. 2. 64

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

Dear Dr. Wiener,

It gives me great pleasure to invite you, on behalf of the Athens Technological Institute, to participate in the Delos Symposion which will take place in Greece between July 11 and 18.

2. The Delos Symposion is an international, annual, informal meeting of experts in the fields pertinent to the problems and development of human settlements. It first took place in July, last summer.

3. The idea for the Symposion grew out of the conviction of the Institute and such experts as those who assembled in Greece last summer, that, unless far-reaching reforms take place, the failure to adapt human settlements to dynamic change may soon constitute one of the gravest risks facing the human species.

4. The Institute felt, therefore, that there was an imperative necessity to create the opportunity for an informal discussion among people coming from different professions, representing diversified interests, disciplines, and national or political backgrounds. Last year's meeting enabled participants to develop their ideas, clarify the problems in question and arrive, through interaction, to a common conclusion and the Declaration of Delos, a statement of professional belief.

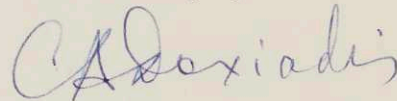
5. The theme of the 1964 Delos Symposion will center on the need to establish the proper framework for a new discipline of human settlements; the political aspects and implications affecting the solution of problems of human settlements; the educational needs for training the new experts. During the last two days of the Symposion we shall begin discussion on the Charter of Delos to be probably drawn up and signed in 1965.

6. I earnestly hope you can accept this invitation extended to you and one member of your family and attend this year's meeting. The Athens Technological Institute will be glad to cover all your expenses from the moment you arrive in Athens to the moment of your departure. This means transportation within Greece, accommodations, etc.

I look forward to hearing from you at your earliest convenience.

With my best regards,

Sincerely yours,

A handwritten signature in blue ink, appearing to read 'C.A. Doxiadis', written in a cursive style.

C. A. Doxiadis

THE  
DECLARATION  
OF  
DELOS



## THE DECLARATION OF DELOS

*Meeting in Delos on this, the twelfth day of July, 1963,  
we the undersigned, drawn from a wide range  
of different disciplines, nations, political allegiances  
and cultural groups, affirm and declare that:*

**T**he city throughout history, has been the cradle of human civilisation and progress. To-day, like every other human institution, it is profoundly involved in the deepest and widest revolution ever to overtake mankind.

**T**his revolution proceeds under the sign of dynamic change. In the next forty years, the world's population will rise to seven thousand million. Science and technology determine more and more of the processes of human living. As they advance, man's social behaviour is profoundly modified. These changes present themselves in every field as a danger matched by an even greater opportunity. Man can use atomic power to reduce every human settlement to the shambles of Hiroshima. It may give them enough energy to fulfill all human needs. The world's population may far outstrip its food supply. Even to keep pace, today's food production must rise threefold by the year 2000. Yet for the first time, we also have the means of securing enough food for everyone.

**T**hese paradoxes are widely felt. What is not realised is that the failure to adapt human settlements to dynamic change may soon outstrip even disease and starvation as the gravest risk, short of war, facing the human species.

**A** universal feature of the worldwide revolution is the movement of people into urban settlements at an ever faster rate. World population increases by 2 per cent a year, urban population by over 4 per cent. In the next forty years, more

urban construction will take place than hitherto in the whole history of man. It is already evident that wrong projections of urban development produce inexcusable waste. The absence of any forecasts leads to chaos in the cities, to the undermining of civic order and the destruction of precious and diverse historical traditions. Thus, the need for the rational and dynamic planning of human settlements both now and in the foreseeable future is inherent in the urban situation to-day.

**M**an can act to meet this new crisis. There are sufficient resources for the task. Modern technology permits the mobilisation of material means on a wholly new scale. Developed nations spend 150,000 million dollars a year on armaments and still their national incomes go up. Billions are spent each year on social services, some of which are made necessary by the inadequacies of urban life. Once a problem is recognised, the resources for meeting it can be found. These resources are not, it is true, uniformly available. Some societies still lack the means for action. But this is not an absolute shortage and while they achieve modernisation, their lack can be made good by sustained assistance from more technologically advanced areas.

**G**uide lines for policy are also clearer than ever before, thanks in part to the great extension of systematic studies in human behaviour. The aim must be to produce settlements which satisfy

man not only as parent and worker, but as learner and artist and citizen. His active participation is essential in framing his own environment. He must be able to use creatively the still unforeseen possibilities of advancing technology. Planning itself must ensure that such possibilities are not excluded by a static view of human settlements. Above all, the citizen should feel at ease in his own culture and open to the cultures of others.

**W**hen we turn to the application of these principles to the problems of urbanisation, we feel the need for the most far-reaching reform and reinforcement of existing institutions and procedures. At present, educational systems at every level have not yet taken sufficient action to meet the new problems of human settlement or to explore the possibilities of meeting them through rational planning. In the universities, the application of the basic sciences to human welfare has been fragmented. They have dealt with parts of man - his health, his nutrition, his education - not with the whole man, not with man in community. Thus, we underline with all possible urgency our belief that in every action of ours, in the agencies dealing with these problems at a national or international level, in the institutions of higher learning, whether public or private, our society requires :

a. to establish in its own right a new discipline of human settlements ;

- b. to initiate basic research of the most far-reaching kind ;
- c. to bring together specialists from other relevant disciplines to work together on projects in this field ;
- d. to work out new methods of training the men who can assume leadership and responsibility in the sphere of action ;
- e. to attract some of the best young minds into this new area of research, development and practice.

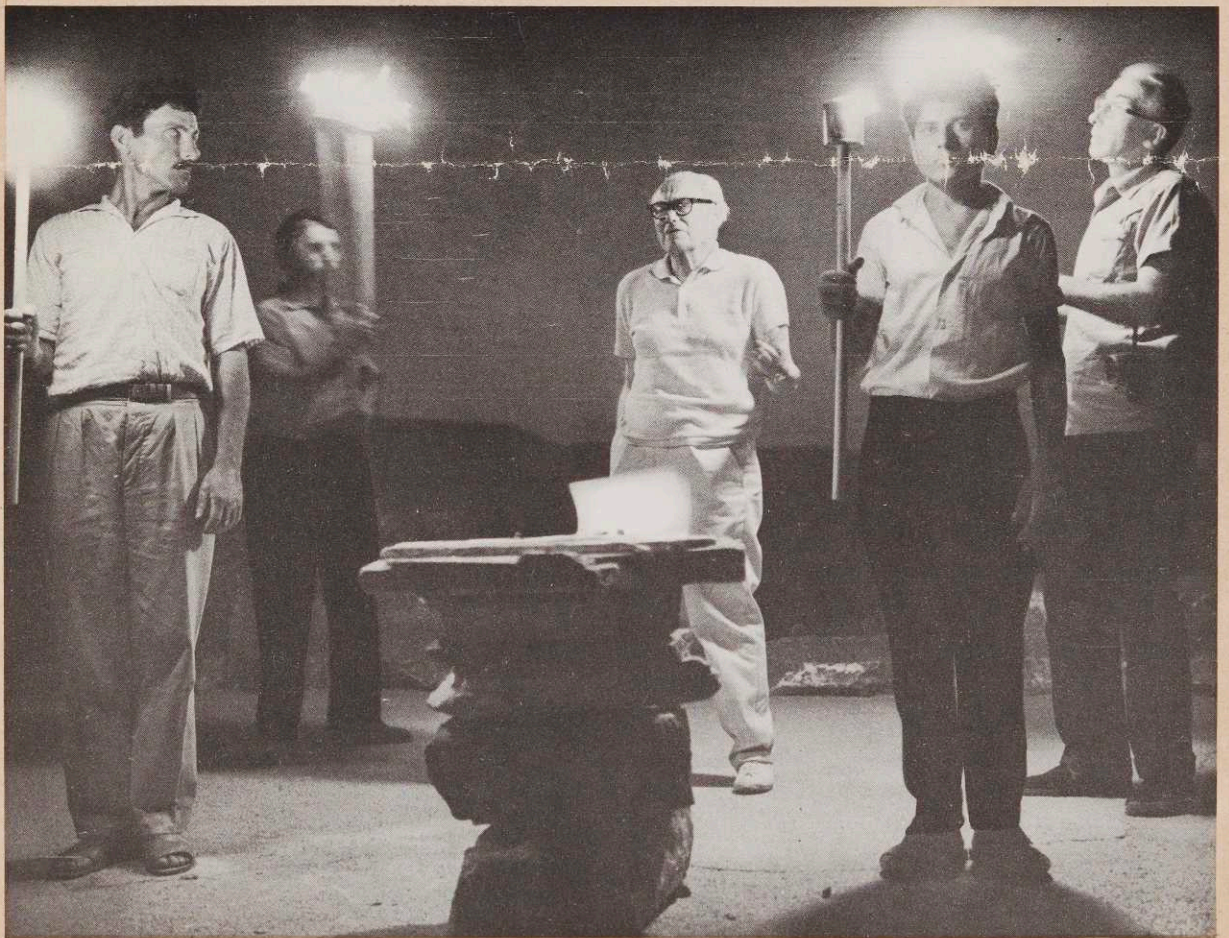
**W**e come from different nations, from different cultural backgrounds. Our politics differ, our professions are various. But we believe that the problem of human settlements is a general and fundamental problem in our new dynamic world and that it must be viewed and studied in such a way that it will, in common with all great scientific disciplines, transcend our local differences. We agree that the practical implementation of policy - in such vital fields as land use, the location of investment or the planning of cities over time - will be determined by domestic politics and needs, and as citizens we pledge ourselves to attempt to bring these issues into the active political dialogue of our local societies. But we are not divided in what we wish most strongly to affirm - that we are citizens of a worldwide city, threatened by its own torrential expansion and that at this level our concern and commitment is for man himself.



- Charles Abrams (U.S.A.)** *Frank Abrams*  
Housing expert and Visiting Professor, Massachusetts Institute of Technology
- Edmund N. Bacon (U.S.A.)** *Edmund N. Bacon*  
Executive Director, Philadelphia City Planning Commission
- Stewart Bates (Canada)** *Stewart Bates*  
President, Central Mortgage and Housing Corporation
- Petro Bidagor Lasarte (Spain)** *Petro Bidagor*  
Director General of Planning, Ministry of Housing
- A. K. Brohi (Pakistan)** *A. K. Brohi*  
Senior Advocate of the Supreme Court.
- C. S. Chandrasekhara (India)** *C. S. Chandrasekhara*  
Sec. Gen., East Asia Regional Organization for Planning and Housing
- Walter Christaller (Germany)** *Walter Christaller*  
Professor Emeritus of Regional Geography; Vice President, Regional Science Association, U.S.A.
- Jacob L. Crane (U.S.A.)** *Jacob L. Crane*  
City Planning Consultant
- Richard Llewellyn Davies (Britain)** *Richard Llewellyn Davies*  
Chairman, Department of Architecture, London University
- C. A. Doxiadis (Greece)** *C. A. Doxiadis*  
President, Athens Technological Institute
- Leonard Duhl (U.S.A.)** *Leonard Duhl*  
Psychiatrist, National Institute of Mental Health
- O. E. Fischnich (U.N.)** *O. E. Fischnich*  
Assistant Director - General, Technical Department, F. A. O.
- Lyle C. Fitch (U.S.A.)** *Lyle C. Fitch*  
President, Institute of Public Administration, New York
- R. Buckminster Fuller (U.S.A.)** *R. Buckminster Fuller*  
Director, Generalized Science Exploration, Southern Illinois University
- Clifford Furnas (U.S.A.)** *Clifford C. Furnas*  
President, State University of New York at Buffalo
- S. Giedion (Switzerland)** *S. Giedion*  
Professor of Art History, Zürich and Harvard University
- J. Gorynski (Poland)** *J. Gorynski*  
Undersecretary, Ministry of Communal Administration and Housing
- Eiichi Isomura (Japan)** *Eiichi Isomura*  
Professor of Sociology, Tokyo University
- Barbara Ward Jackson (Britain)** *Barbara Ward Jackson*  
Economist and author
- Sture Linner (U.N.)** *Sture Linner*  
Director of United Nations Special Fund Programmes in Greece, Representative of the United Nations Technical Assistance Board.
- M. S. Makiya (Iraq)** *Mohamed Makiya*  
Principal, Department of Architecture, University of Baghdad
- Edward S. Mason (U.S.A.)** *Edward S. Mason*  
Lamont University Professor, Harvard University.
- Sir Robert Matthew (Britain)** *Sir Robert Matthew*  
President, Royal Institute of British Architects
- Margaret Mead (U.S.A.)** *Margaret Mead*  
President, American Anthropological Association; Associate Curator of Ethnology, American Museum of Natural History; New York
- Marshall McLuhan (Canada)** *Marshall McLuhan*  
Director, Centre for the Study of the Extensions of Man, University of Toronto
- Wacław Ostrowski (Poland)** *Wacław Ostrowski*  
Professor of Town Planning, Technical University, Warsaw
- Alfred R. Otoo (Ghana)** *Alfred R. Otoo*  
Chief Development Officer, Accra - Tema Metropolitan Area
- David Owen (U.N.)** *David Owen*  
Executive Chairman, Technical Assistance Board of the United Nations
- Charles H. Page (U.S.A.)** *Charles H. Page*  
Professor of Sociology, Princeton University
- E. Papanoutsos (Greece)** *E. Papanoutsos*  
Vice - President, Athens Technological Institute
- Shafik H. El - Sadr (U.A.R.)** *Shafik El-Sadr*  
Undersecretary of State for the Ministry of Housing and Public Utilities
- Carl Schwyer (Germany)** *Carl Schwyer*  
President, International Federation of Housing and Planning
- C. H. Waddington (Britain)** *C. H. Waddington*  
Professor of Animal Genetics, University of Edinburgh
- Sir Robert Watson-Watt (Britain)** *Robert Watson-Watt*  
Center for the Study of Democratic Institutions, Santa Barbara, California.

Thirty - four distinguished professional and academic men and women from many disciplines and many parts of the world, assembled from July 6 - 13, 1963, on board m/v "New Hellas", at the invitation of the Athens Technological Institute, to discuss the fast deteriorating human settlements in to - day's world. After a week of intensive, though informal meetings and discussions these men and women decided to issue this document to draw attention to the gravity of the present situation.

They further agreed to continue to work together, to set up a permanent secretariat (in the Athens Technological Institute) and to hold a second meeting early in July, 1964, to work toward a Charter of Delos, that will express the views of forward looking people throughout the world specifying the kinds of action needed in the world of the next generation.



# U. S. News & World Report

WASHINGTON

U. S. NEWS BUILDING • 2300 N STREET, NORTHWEST • WASHINGTON 7, D. C.

February 15, 1964

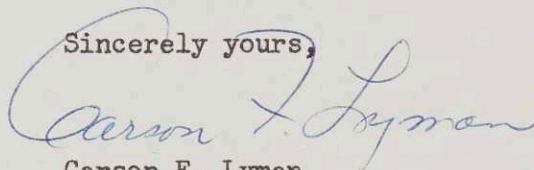
Dr. Norbert Wiener  
Massachusetts Institute of Technology  
Cambridge 39, Massachusetts

Dear Dr. Wiener:

We are sending you under separate cover 10 copies of the issue of "U.S. News & World Report" containing your interview.

Your co-operation in this interview is much appreciated.

Sincerely yours,



Carson F. Lyman  
Managing Editor

CFL:n

[and 2/18/64]

TUFTS UNIVERSITY

OFFICE OF THE VICE PRESIDENT

MEDFORD 55, MASSACHUSETTS

15 February 1964

Professor Norbert Wiener  
53 Cedar Road  
Belmont 78, Massachusetts

Dear Professor Wiener:

Tufts University cordially invites you to be its guest at the Alumni Day festivities on Saturday, 6 June 1964, and to bring one guest with you. This invitation includes the Alumni Day Luncheon and the Association Meeting on the Campus Lawn, and the banquet that evening at Hodgdon Hall. It is being sent to all members of the classes which graduated 55, 60, 65, 70 and 75 years ago. A list of this group is enclosed, together with a map of the campus. Overnight lodging in Metcalf Hall West (bed linen included) and Sunday morning breakfast at Dewick Dining Hall are provided for those who could not attend otherwise.

The enclosed questionnaire is to help you decide what to attend that weekend. It explains what is offered to you as a guest of the University and what you will have to pay for yourself. After you have filled it out in triplicate, please return two copies to me in the enclosed envelope. We shall then have all the information necessary to make complete and satisfactory arrangements for the program you have chosen. If, later on, you find you have to change your plans in any way, just write to me directly and we will adjust accordingly.

Please note the necessity of ordering your POPS and bus tickets well in advance through the reservation blanks being sent out in March by the Alumni Office in the Alumni Weekend mailing. There will also be information concerning the SPARC SESSIONS and other commencement activities in that mailing. You will note on the questionnaire that the Baccalaureate Service is held on the morning of Commencement Day, Sunday, 7 June.

Please do not hesitate to write to me if you have any questions. We are hoping for a large turnout of the Over-50-year group and shall look forward to seeing you on Alumni Day.

Yours cordially,

*Leonard C. Mead*

Leonard C. Mead  
Senior Vice President

Enclosures

*Answered Feb 18  
is abroad  
ho*

Feb. 18, 1964

check from NEW SCIENTIST

of twenty pounds

transferred to Cambridge  
Trust, marked

"for deposit only"

Record sent to Mrs. Wines

MATHEMATICAL INSTITUTE  
TOHOKU UNIVERSITY  
SENDAI, JAPAN

February 18, 1964

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


Dear Professor Wiener:

We editors of TOHOKU MATHEMATICAL JOURNAL are heartily thanking for your invariable interest to our Journal.

We have had the honor of dedicating you the Journal for several years. Unfortunately by several reasons we are not in the situation to continue sending it, and we have to stop it from next volume.

Thanking for your cooperation up to the present,

Sincerely yours,



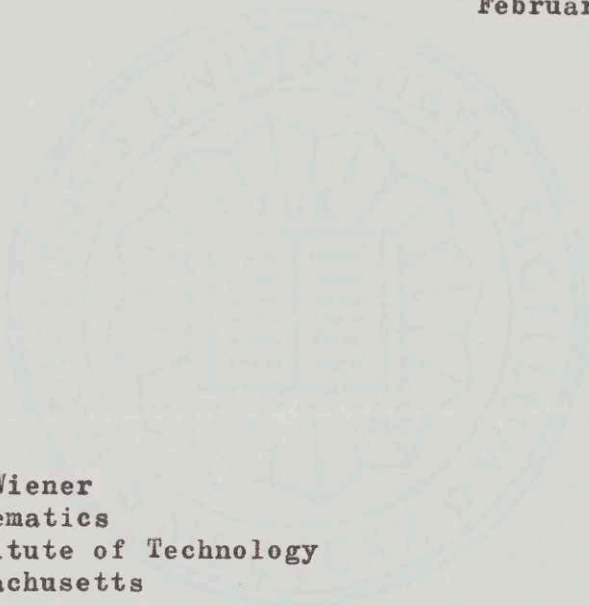
Tadao Tannaka  
Editor,  
Tohoku Mathematical Journal

INDIANA UNIVERSITY

BLOOMINGTON, INDIANA

GRADUATE INSTITUTE FOR  
MATHEMATICS AND MECHANICS  
SWAIN HALL—EAST

February 18, 1964

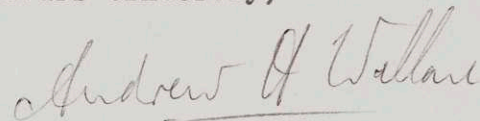


Professor Norbert Wiener  
Department of Mathematics  
Massachusetts Institute of Technology  
Cambridge 39, Massachusetts

Dear Professor Wiener:

Thank you very much for your comments on Giacomo Delle Riccia.

Yours sincerely,



Andrew H. Wallace  
Acting Head

AHW:dm



Rm. 2-276

18 February 1964

Mr. Samuel Bagno  
18 Columbus Avenue  
Belleville, N. J.

Dear Mr. Bagno,

Thank you for the invitation extended to Professor Wiener to join the symposium on your book "The Angel and the Wheat" to be held at Tufts on Feb. 20.

Professor Wiener, however, is abroad and will not be able to attend.

Sincerely,

Eva-Maria Ritter (Mrs.)  
Secretary

Amsterdam, February 18, 1964

Mr. Robert Barlow  
Executive Office of the President  
Office of Science and Technology  
Washington, D. C.  
U. S. A.

Dear Mr. Barlow:

Many thanks for sending me the pictures of the awarding of the medals. They constitute a splendid memento of the occasion. They came out very well, indeed, and I appreciate your thoughtfulness in sending them to me. I also admire the tactful and friendly way in which you and your colleagues have handled the award. The work was enough without the snow storm. The framed citation also arrived in good shape.

My wife and daughter join me in thanking you again for all your kindness. With best wishes, I am,

sincerely,

February 18, 1964

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

Dear Professor Cooper,

The only information I can give you with regard to graduate schools interested in the development of programs in bio- or medical engineering are the following:

Johns Hopkins University, where Professor Moise Goldstein is attempting to build up a program in this direction. I do not have his faculty affiliation, however. -- Another is our Institute, where Professor Walter Rosenblith, Dept. of Electrical Engineering, heads a small section.

I cannot tell you much about the work they are doing. Professor Rosenblith is the Director of the Biophysics Communications Laboratory which is part of the Research Laboratory of Electronics, MIT, and you might be able to find out more specific information by contacting him.

There are almost certainly other Institutes which are equally interested and active in this new area, but unfortunately, I cannot tell you more.

Sincerely yours,

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

Amsterdam, February 18, 1964

Professor Joseph H. Keenan  
Department of Mechanical Engineering  
Mass. Institute of Technology  
Cambridge 39, Mass.  
U. S. A.

Dear Professor Keenan:

I should be very glad to participate in your special  
~~XXXXXX~~ summer program "entitled "Thermodynamics, A Uni-  
fying Science" at M. I. T. for June 30 to July 3, 1964,  
if it were not for the fact that I expect to be away from  
home until February 1965, except perhaps for two weeks  
in early September. I am even not certain of that.

My very best wishes for the success of your meeting.

Sincerely,

Rm. 2-276

18 February 1964

Mr. Carson F. Lyman  
Managing Editor  
US News and World Report  
2300 N Street, NW  
Washington 7, D. C.

Dear Mr. Lyman,

In the absence of Professor Wiener,  
I should like to thank you for the 10 complimentary  
copies of next week's U.S. News, which will be very  
much appreciated.

Sincerely,

Eva-Maria Ritter (Mrs.)  
Secretary

le 18 fevrier 1964

Dr. Boris Rybak  
Faculte des Sciences  
Zoophysologie  
Universite de Caen  
Caen, France

Mon cher Monsieur Rybak,

Au nom de Monsieur le Professeur Wiener, qui est au moment a l'Universite d' Amsterdam et qui sera occupe en Europe jusque juin ou juillet, je veux bien vous remercier du livre "Anachroniques" que nous avons recu aujourd'hui.

Je vais lui raconter de l'arrivage du livre quand je lui ecrirai; je suis sure qu'il le trouvera bien interessant.

Veillez agreer, cher Monsieur, l'expression de ma respectueuse consideration.

Eva-Maria Ritter (Mme)  
Secretaire

Amsterdam, February 18, 1964

Mr. Volta Torrey  
Editor  
The Technology Review  
M. I. T.  
Cambridge, Mass.  
U. S. A.

Dear Torrey.

Here is the transscription of my talk by air mail.  
I have gone over it and made a very few minor corrections.  
Thank you and Rabbi Pollack for a very fine job of editing.  
Mr. Lear may have the dog for his exclusive property.

I am hard at work here preparing my inaugural lecture  
for the University of Amsterdam. They certainly do things  
with all the trimmings.

With best wishes to you and Rabbi Pollack, I am,  
sincerely yours,

1085 Marc. D.v.

Valley Stream, N.Y.

Feb. 19, 1964

Dear Professor Norbert,  
How are you? I am fine. When is  
your birthday. Mine is on Oct. 27. I  
am 9 years old. Will you send me a  
picture of you? Please!

Yours truly,

Helen  
Bye



DANMARKS NATURVIDENSKABELIGE SAMFUND

ADR.: DANMARKS TEKNISKE HØJSKOLE  
TELEFON: MI 6950

Øster Voldgade 10,  
København K.

20. February 1964.

Professor, dr. Norbert Wiener,  
University of Amsterdam,  
Amsterdam,  
Holland.

Dear Professor Wiener,

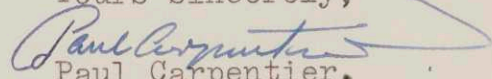
The members of The Danish Society of Natural Sciences are looking forward to your lecture on March the 24th, and as it is time for an announcement of the event we ask you kindly to give us the title.

Your lecture "Random Functions and Quantum Theory" for The Technical University of Denmark on March the 23rd has been published, and it might be of interest to you to hear, that there will be many scientists who wish to attend both your lectures being Professors at the University as well as members of the Society. Besides the named scientists the audience on the 24th will consist of leaders of industrial plants, civil-engineers from private firms, people with a medical background and other members from the University world outside the exact sciences. Thus the audience on the 24th differ greatly from the audience on the 23rd, and we take the liberty to suggest that your topic on the 24th for the Society will be wider ("lighter") than the topic on the 23rd.

Looking forward to hearing from you at your earliest convenience,

I remain, on behalf of the Society,

Yours sincerely,

  
Paul Carpentier.  
Secretary.

FEB 26 1964

Rocky Ford, Colorado 81067  
February 20, 1964

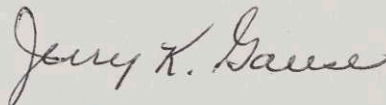
Massachusetts Institute of Technology  
Boston, Massachusetts

Gentlemen:

In the course of reading a recent article I ran across the word "Cybernetics". So far I have not found a dictionary that has the definition. Again I ran across the word and the article said it was an American word first used by a professor from M.I.T.

Would it be possible to send me some information regarding "Cybernetics". It would be greatly appreciated.

Yours very truly,



Jerry K. Gause  
Route #1 - Box 180  
Rocky Ford, Colorado

[ ans 2/28/64 ]

Belgrade, February 20, 1964

Prof. Norbert Wiener,  
53 Cedar Road,  
Belmont 78  
Massachusetts - USA

Dear Prof. Wiener,

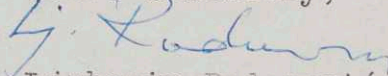
You will probably remember your visit to Yugoslavia in 1962 and some of the people you met there. I was at that time responsible for the organisation of the International Symposium on the Application of Automatic Control in Prosthetics design and had the honour and pleasure of inviting you to stay a few days in our country as the guest of the Yugoslav Committee for Electronics and Automation.

Presently I have had great honour and pleasure: that of translating into Serbo-Croat the second edition of your book "The Human Use of Human Beings" which is being published by NOLIT publishing house.

The reason I am writing this letter is to inquire whether you would be willing to write a few introductory words for the Serbo-Croat edition of your book. I must admit that this idea occurred to me rather late, i.e. when the translation is almost ready for print, but this is largely due to the fact that I was given a very short time to do the translation. If, therefore, you have the time and willingness to write a brief introduction it must be done as quickly as possible. I am sure that a few words addressed to readers of the Serbo-Croat edition would add to its interest and value.

Thanking you in advance, and apologising for this urgency, I remain,

Yours sincerely,

  
Ljubomir Radanović

My address: Lj.R., "Boris Kidrič" Institute of Nuclear  
Sciences, P.O.B. 522, Belgrade, Yugoslavia

[ans 3/5/64]



RESPONSIVE ENVIRONMENTS CORPORATION  
21 EAST 40TH STREET, NEW YORK 16, N. Y., LE 2-4337

February 21, 1964

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

Dear Dr. Wiener:

Years ago I could stop you in the halls to ask a few questions. I somehow feel free to do so again, by mail.

The following ideas are gaining wide acceptance:

- (a) Intellectual potential is a function of the degree of very early mental stimulation; possibly during a very narrow but critical period in the child's life.
- (b) The ability of the very young to learn has heretofore been drastically underestimated.
- (c) Mental retardation, except for brain damage, is due -- at least in part -- to the lack of adequate stimulus in most of the educable retarded population. Cultural disadvantage is the term which is now commonly used.
- (d) After a few years of life, perhaps 5 or 6, in a deprived atmosphere -- perhaps as extreme as a home without a newspaper or a pencil -- a certain percentage of the child's innate potential is gone forever.

Much of the research that has been done can hardly be labeled scientific, or the data quantitative. The so-called experimentation is often merely a demonstration to "prove" foregone conclusions. However, the statements expressed seem to have some degree of statistical validity.

If statements (a), (b), and (c) above are true, and if we knew why, we might then have a basis for a remedial approach to the atrophy implied in (d).

The question, I think, affects not only the retarded. It should be valid at any level of intelligence.

Dr. Norbert Wiener

- 2 -

February 21, 1964

In the utilization of brain power, perhaps all of us, by definition, are retarded.

It is staggering to acquiesce to the "fact" that a large portion of the world's intellectual resources have become permanently frozen by the time most of the population has reached the age of 5. Furthermore, it is demoralizing to assume that the new and more powerful teaching methodologies, at best, may merely help to harvest a larger portion of what potential remains.

The task before us -- and I have been told that I am arrogant to even raise the question -- may be two-fold: not to merely improve environmental factors that apparently affect early mental stimulation (whatever that means in so far as what goes on in the brain is concerned), but to seek as well the technology to recover "lost" potential.

Possibly nothing I have expressed here is new to most behavioral psychologists. But the significant information we need, I think, will only come from a rigorous, quantitative analysis of the basic (human) system. I am at least certain, intuitively, that behavioral evidence will never give the fundamental answers, possibly not even point out the important questions, unless the state of the art changes drastically.

Can you tell me of any basic research in progress now? I can't find any. If there is none, would you suggest a place for it to start? And the approach? If you would, I think the chances for mobilizing foundation and/or government support for a program are within the realm of possibility.

Very truly yours,



Norman H. Kreisman  
Vice President

NHK:mm

22 Tunnel St.  
Langford, Penna.  
21 February, 1964

Dear Sir,

I am a Senior Student in  
Langford High School. I am doing a  
Term paper on the subject of Cybernetics.  
By reading immensely on this subject,  
I would be grateful for any literature  
on Cybernetics. Would you please  
supply me with information. Thank you.

Yours Truly,

Greg Kret

[ans 2/28/64]

I sent you letter  
saying you will  
answer in due course...  
that doesn't commit you.

Room 536  
Seattle YMCA  
909 4th Ave  
Seattle, Wash  
98104  
Feb. 22, 1964

Dr. Norbert Wiener  
Massachusetts Institute of Technology  
Cambridge, Mass

Dear Dr. Wiener,

Having read several of your works, I am familiar with your interest and concern with modern scientific and engineering education. As an engineer (E.E.) with interests in microwaves, electro-magnetic fields, and optics and as a former student of Dr. Domina Spencer (Mrs. Parry Moon), I agree with your concern that engineers and scientists know the "sister disciplines" which are the "tools" of their specialty.

I believe that I have a suggestion which will help to fill this need. Perhaps part of the study now going into the course work part of a PhD program could be spent by the student taking part in a number of symposiums (the 3 days - 3 weeks type) on subjects of benefit to him. Not all of these courses need necessarily be at his own university. Such "short courses" as these are, I feel, the only way within the academic framework that many subjects are taught. For example, while working for Sylvania I attended a M.I.T. Industrial Liason of Computer-aided design which was very helpful as a

2

used but not a computer specialist. The student would work closely with his faculty advisors to gear such a series of "short courses" to his special needs.

I think that my idea is very much like the old tutorial system where the student sought out the scholar to learn from him. So while it might be a bit hard to "grade" or assign "credits" it would be a practical program.

Could you possibly find time from your busy schedule to give me your comments on my idea? I am enclosing a stamped self-addressed envelop for your convenience. Thank you very much.

Very Truly yours,

N. Alleyne Howell

N. Alleyne Howell



**THE UNIVERSAL BROTHERHOOD CENTER**  
a non-profit organization

PHILIP S. LINNIK  
Director

February 23, 64

P. O. BOX 185  
GLEN COVE, NEW YORK  
U. S. A.

Dr. Norbert Wiener  
c/o U.S. News & World Report  
2300 N Street, N.W.  
Washington, D.C. 20037

II542

Dear Dr. Wiener:

Referring to the interview given by you to U.S. News & World Report, issue of Feb. 24th, I take the liberty to approach you on a subject which was treated by you in passing and in which I am essentially interested.

You said: "Automatization no longer fits in with 'laissez faire'. As one knows, 'laissez faire' is the very core of the order which is based on the freedom of exploitation of man by man, i.e. capitalism. And since automatization cannot be turned off, in other words: has come to stay with us probably till Doomsday, a natural question arises about the fate of 'laissez-faire', i.e. capitalism.

From the piece enclosed -- a summary of my research in the problem of brotherhood of men -- you may see that in fact the order which is based on the freedom of exploitation of man by man - capitalism, or in my terminology - neighborhood is being replaced by the order which is based on the freedom from such exploitation, in my terminology - brotherhood. This conclusion is corroborated by the change which the idea of man is undergoing at present, namely: whereas in neighborhood man was valued by the job he did, in brotherhood "we've got to value him as a man".

Frankly speaking, when I began my research in 1954 I never did expect that my theory might be backed by the science which at that time was in its cradle. Well, I still don't believe my senses, and for this reason I will be very grateful to <sup>you</sup> for any comment you may make on this finding of mine.

With best regards, and thanking you in advance for your kind attention to my request

I enclosure

Yours very sincerely,  
*Philip S. Linnik*  
Philip S. Linnik

All human beings, as members of the human family, should act towards one another in a spirit of brotherhood.  
— The U. N. Universal Declaration of Human Rights

The child shall be brought up in a spirit of universal brotherhood.  
— The U. N. Declaration of the Rights of the Child

All ye are brethren for one is your Father, which is in heaven.

— Jesus Christ (Matt. 23:8-9)

[ans. 3/20/64]

UNIVERSAL BROTHERHOOD--TOMORROW'S SOCIETY

DECLARATION OF INTERDEPENDENCE

1. Preamble.

Since time immemorial the force of interdependence, nurtured by human nature's imperfectness, and being therefore as natural and important in human life as the force of gravity is in the whole universe, has been bringing incessantly human beings into families, the basic cells of society, and has already brought the scattered all over the world hordes of human beings from the jungles into the one single human family within the United Nations Organization amid the most spectacular achievements of human genius in all the fields of life on the threshold of a new atomic era.

When in 1945 the U.N.O. was organized the idea of God was not accepted as a foundation of a new world society though later in 1948 man's right to religion was endorsed by the Universal Declaration of Human Rights (Art.18), and the most precious humane element of religion - the universal brotherhood concept - was endorsed as the foundation of it. Thus the U.N.O. has become the sole Supreme Arbiter of the human family on all its problems of spiritual and material wellbeing and progress.

2. What is universal brotherhood?

Universal brotherhood is a family idea based on the same principles of normal human family life that are organically inherent in its very nature: love, solidarity, and a joint responsibility of family/society and each member of it for mutual spiritual and material wellbeing and progress based on honest productive work. Brotherhood has much in common with neighborhood: love, solidarity, respect for human dignity and the like. But it differs essentially from neighborhood in that the latter is based at best on the Golden Rule and charity, and at worst on the old Roman dictum: Homo homini lupus est, -and on the freedom of exploitation of man by man whereas the freedom from such exploitation in all its forms is a cornerstone of brotherhood. As to its social-political structure, universal brotherhood is democracy based on the U.N. Universal Declaration of Human Rights (1948) and the Declaration of the Rights of the Child (1959). Its basic features are as follows:

A. "All members of the human family...are born free and equal in dignity and rights; they are endowed with reason and conscience and should act towards one another in a spirit of brotherhood"(The 1948 Declaration, Preamble and Art.I). "The child shall be brought up in a spirit of understanding, tolerance, friendship among peoples, peace and universal brotherhood, and in full consciousness that his energy and talents should be devoted to the service of his fellow men"(The 1959 Declaration, Principle 10).

B. "(1) Everyone has the right to a standard of living adequate for the health and wellbeing of himself and of his family, including food, clothing, housing and medical care, and necessary social services, and the right to security in the event of unemployment, sickness, disability, widowhood, old age or other lack of livelihood in circumstances beyond his control.

(2) Motherhood and children are entitled to special care and assistance; all children, whether born in or out of wedlock, shall enjoy the same social protection"(The 1948 Declaration, Art.25).

C. "(1) Everyone has the right to work, to free choice of employment, to just and favorable conditions of work and to protection against unemployment, (2) everyone, without any discrimination, has the right to equal pay for equal work, (3) everyone who works has the right to just and favorable remuneration ensuring himself and his family an existence worthy of human dignity, and supplemented, if necessary, by other means of social protection,

and (4) everyone has the right to form and to join trade unions for the protection of his interests"(The 1948 Declaration, Art.23).

### 3. Who is for universal brotherhood?

(a) Jesus Christ: "All ye are brethren for one is your Father, which is in Heaven"(Matt.23:8-9).

(b) President Kennedy: (1) "We have pledged the influence of this nation to the abolition of exploitation in all its forms" (Message to the Belgrade Conference of Neutrals, September 1961), (2) "The Brotherhood of Man under the Fatherhood of God is a basic principle which has directed this nation through many years, and I am confident will direct it with increasing vigor in the years to come." (Message to the National Conference of Christians and Jews on the 1962 Brotherhood Week), (3) "Let us renew the spirit of the Pilgrims at the first Thanksgiving Day and their faith born of their dedication to God and a fortitude drawn from their sense that all men were brothers. Let us renew that spirit by seeking always to establish larger communities of brotherhood"(The 1962 Thanksgiving Day Message), (4) "The Family of Man is more than three billion strong. It lives in more than 100 nations. Most of its members are not white. Most of them are not Christians"(Address before the New York City Protestant Council on Nov. 8, 1963).

(c) The Soviet Union Communist Party: "Humane relations and mutual respect among individuals--man to man is a friend, comrade and brother; friendship and brotherhood among all the peoples of the U.S.S.R., intolerance of national and racial hatred, fraternal solidarity with the working people of all countries and with all peoples"(The Moral Code of the Builder of Communism in the Communist Program adopted in October 1962).

(d) Her Majesty Queen Elizabeth called in Her Message to Commonwealth youth (May 1963) for a "worldwide brotherhood which could transcend all barriers of distance, race, creed and class".

(e) Pope Paul VI in his Message to the International Boy Scout Jamboree, held in Greece in August 1963: "May your great game of friendship, the symbol of the spirit which inspires you, be for all of you an inducement to move forward along the paths of universal brotherhood which was taught by Christ and based on the recognition of the one and only Almighty God, the Father of all men".

(f) President Lyndon B. Johnson: "Let us today renew our dedication to the ideals that are American. Let us pray for God's divine wisdom in banishing from our land any injustice or intolerance or oppression to any of our fellow Americans, whatever their opinion, whatever the color of their skins, for God made all of, not some of us, in His image. All of us, not just some of us, are His children." (The 1963 Thanksgiving Day Message).

### 4. Who is not for universal brotherhood?

(a) All the major religions of the world (Confucianism, Buddhism, Hinduism, Judaism and Islam because they are not based on the idea of God being the father of men: no fatherhood of God - no brotherhood of men. As to Christianity, universal brotherhood was taught originally by Jesus Christ, but later his teaching was replaced by the general Christian doctrine of the brotherhood only of the believers in Jesus Christ, adopted by God as his sons through Baptism. All Christian bodies adhere to this doctrine.

(b) Unitarianism/Universalism, Christian Science and Jehovah's Witnesses.

(c) Theosophist teachings based on the so-called esoteric ancient wisdom.

(d) Hitler, Stalin and the like figures of totalitarianism.

For further information write to the Universal Brotherhood Center, a non-profit, non-sectarian, non-party body duly organized and registered in 1961.

In memory of President John F. Kennedy  
November 22, 1963

Philip S. Linnik  
Director



DEPARTMENT OF THE NAVY  
OFFICE OF NAVAL RESEARCH  
WASHINGTON, D. C. 20360

IN REPLY REFER TO  
ONR:432:LDB:lgb  
NR 043-302  
24 February 1964

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

Dear Professor Wiener:

I wish to express my concern about the progress of the book on Harmonic Analysis being prepared for publication under joint authorship by you and Marshall Reber. As you may know Reber has a specially worded contract with us that obliges me to give quarterly review and approval of the completed parts of the manuscript, conditional to which Marshall receives his monthly payments. The pages so far submitted have been to some appearance sketchy, unmotivated and of questionable relevance.

If you could write me your opinion of how the book is developing and indicate whether Reber's work has earned your endorsement and participation, it might do a great deal toward saving his situation. Otherwise, I shall certainly feel inclined to terminate his contract as of 1 April.

Your courtesy in writing will be greatly appreciated.

Sincerely yours,

A handwritten signature in cursive script that reads "Leila D. Bram".

LEILA D. BRAM, Acting Head  
Mathematics Branch

*Please read the attached page.*

---

*Office of Public Relations*


February 24, 1964

Dr. Norbert Wiener  
c/o Dr. J. P. Schade  
Netherlands Central Institute  
for Brain Research  
59B Mauritskade  
The Netherlands

Dear Dr. Wiener:

Your interview with U.S. NEWS & WORLD REPORT  
has appeared and we thought you would like these copies.

Sincerely,



Robert M. Byers  
Assistant Director

RMB:bbw  
Enclosures

February 28, 1964

Mr. J. K. Gause  
Route #1 - Box 180  
Rocky Ford, Colorado 81067

Dear Mr. Gause,

Your request to be informed about cybernetics which you had addressed to our Institute has been forwarded to me, and in the absence of Professor Wiener, who is abroad for a year, I shall try to answer it as adequately as possible. In a German Lexicon of Sociology the following text appears which should provide an answer to your question:

"The recent development of automatization techniques in engineering has indicated certain resemblances between the control and communication problems of mechanical devices and those of the nervous system or of other systems in living beings. The great diversity of the biological and technical fields involved made it desirable that those two phenomena should possess a single descriptive name not already weighted down with specific engineering or biological contexts. For this reason, N. Wiener, in a book published in 1947 and devoted to the inter-relation of these two fields, employed the term "Cybernetics", constructed on the basis of the Greek Kybernetes or steersman. He was then unaware of the earlier historical use of this term by Arago and others with a narrower sociological context but with a similar meaning."

If you are interested in reading less technical material, you might try to read Prof. Wiener's book "The Human Use of Human Beings" which appears in pocketbook form in Doubleday's Anchor Series.

Sincerely yours,

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

Amsterdam, February 24, 1964  
i/c Dr. Schade  
Netherlands Brain Research Institute  
59B Mauritskade  
Amsterdam  
The Netherlands

Dr. Eric Lindemann  
Massachusetts General Hospital  
Department of Psychiatry  
Fruit Street  
Boston, Mass.  
U. S. A.

Dear Dr. Lindemann:

I should like to write to you in behalf of Dr. Dewan of Brandeis University and the Massachusetts General Hospital.

I have been in contact with him for about three years, and I have seen him develop from a mathematical physicist and electrical engineer of broad interests into a very fine young biophysicist. He is thoroughly acquainted with my own ideas and those of Dr. Amar Bose of the Electrical Engineering department of M. I. T., Dr. Glimcher of the MGH, and others like Dr. Della Riccia who have been working closely with me. He is particularly interested in problems of time series and entrainment in the field of electroencephalography and elsewhere. More generally, he is interested in the new problems of organization and life which arise in connection with genes, viruses and in general the nucleic acid complexes.

Now as to his personal and scientific qualities. He is a man of great insight and enthusiasm, but he also has the critical judgment to bring himself up sharp when an idea <sup>idea</sup> he is not compatible with the observed facts. He has great ingenuity in designing procedures of experiment and investigation. Frankly, he impresses me at once as a

2.

creative and original mind with a responsible scientific  
conscience. I have been both helped by his ideas and re-  
freshed by his enthusiasm. He is <sup>a/</sup> most likeable personality.  
In my opinion he is a young man who is going places.

Sincerely,

Norbert Wiener



# B·O·A·C



## British Overseas Airways Corporation

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Telephone: Victoria 2323 · Telex: 22531 · Telegrams: Speedbird London

RU.1A.3054.SL.

25th February 1964

Dear Mr. Wiener,

### ISRAEL

This 'New Old' land that has a history stretching back over the centuries has never been more exciting and vibrant than it is today. Israel, the young nation, has achieved so much in such a short time in agricultural, industrial and cultural development. They have remembered, too, the wonderful opportunities that their land and climate offer to holiday-makers.

Travel to and from Israel is so easy and quick by B.O.A.C.'s fast modern jetliners and as from the beginning of April we are increasing our services to no less than eight direct flights every week, in conjunction with B.E.A.

There are many ways of visiting this delightful country and one method is through an "All Inclusive" holiday which covers air travel and hotel accommodation as well as sightseeing trips. Such a holiday lasting about 12 days can be had for approximately £145.

If we can help you further with advice about travel to and from Israel, please let us know. Alternatively, you will find that your usual B.O.A.C. Appointed Agent is fully informed and he will gladly arrange your reservations. We look forward to the pleasure of your company.

Yours sincerely,

G.W.W. DODD.  
Sales Manager, U.K.

ESTABLISHED 1948

Editor:

G. R. DAMODARAN  
B. Sc. Elec., B. Sc. Mech. (Durham),  
M. I. E. E. (London), M. I. E.



AVANASHI ROAD  
COIMBATORE-1  
(South India)

26th February, 1954.

To

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

Dear Prof. Norbert Wiener,

We are happy to find that the 'New Scientist' had launched a unique venture on 'Fundamental Science in 1984' and that you are one of the contributors. Your article on "Dynamical systems in Physics and Biology" published in the New Scientist dated 23rd January, '64 is interesting and thought provoking. Your scientific analysis is enlightening.

We have been publishing for the past 15 years a Scientific monthly magazine in Tamil which is the regional language of Madras State in South India. Our attempt has been to disseminate Scientific knowledge intelligible to popular readers. We have to look up to Scientists like you for necessary encouragement and guidance.

We are now anxious to publish translation or adaptation of your article. We request you to permit us to publish a translation of your article with due acknowledgement. If the copyright rests with 'New Scientist', we request you to permit us to contact them and obtain the copyright.

This magazine has a limited circulation/<sup>of</sup> about 10,000 within Madras State. We would be very much willing to pay copyright charges if any for such translations; but owing to very many restrictions imposed by the Exchange Department of the Reserve Bank of India it may be difficult. We request you to appreciate our difficulties and give us the permission requested for.

An early compliance is requested.

Thanking you,

Yours sincerely,

*B.R. Krishnamoorthy*  
(B.R. Krishnamoorthy)  
MANAGER.

nr.

From  
Kalaikathir,  
Post Bag No. 531,  
6/48, Avanashi Road,  
Coimbatore-1,  
South India.

*Permission given  
March 11.*

Norges tekniske høgskole

Rektor

Jnr-3265-St.672/63/AF/LW

Trondheim, February 26, 1964

Professor, Dr. Norbert Wiener  
c/o Dr. J. P. Schade  
Netherlands Central Institute for Brain Research  
59 B Mauritskade

AMSTERDAM

RE: LECTURE AT NTH AND TALK BEFORE THE NORWEGIAN  
ACADEMY OF TECHNICAL SCIENCES

Dear Professor Wiener:

Thanking you most cordially for your letter of February 20th, we would like to inform you that the meeting in the Norwegian Academy of Technical Sciences now has been rescheduled to Thursday, March 12th instead of Friday, March 13th. As to the lecture at NTH, Friday, March 13th, would be the most convenient date to us.

We have noted your suggestions as to the subjects of the two lectures and think that the first one, "The Statistics of the Hamiltonian Systems" should be given at NTH and the other, "The Future of Engineering in Medicine" at the Academy.

Tickets and notice about hotel reservations for you and your wife for the trip Amsterdam - Trondheim - Stockholm will be sent you directly from Bennett's Travel Bureau in Trondheim. Please, note that the travel bureau now has corrected the time of departure from Amsterdam. The plane, (a KLM machine), will leave Amsterdam at 1345 on Tuesday, March 10th (instead of at 1705 as stated earlier) and will arrive at Kristiansand at 1545. There you stay over night and continue the flight on Wednesday, March 11th, at 1450, (and further according to the timetable given in our former letter, of February 6th).

For the present we have not made any reservation of room for you in Stockholm, as we thought that this perhaps had been arranged by yourself directly or through the Swedish university authorities.

We wish you and your wife a pleasant trip and hope that you both will enjoy your stay in Trondheim.

Yours sincerely

*Arne Selberg*  
Arne Selberg

*P. Hetling*  
Per Hetling

Copy to: Norges tekniske vitenskapsakademi  
v/preses, professor S. G. Terjesen, NTH

Department of Psychology  
University of Toronto  
Toronto 5, Canada  
February 26, 1964

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

Dear Professor N. Wiener,

I request permission to use the material specified below from your publication, in a book I am preparing entitled Structure and Direction in Thinking, and in future editions or revisions thereof, to be published by John Wiley and Sons, Inc.

It is understood, of course, that full credit will be given, in the form of a parenthetical reference keyed to an item in the bibliography, where the citation will be given in full.

The material in question is:-

"for the existence of any science, it is necessary that there exist phenomena which do not stand isolated. In a world ruled by a succession of miracles performed by an irrational God subject to sudden whims, we should be forced to await each new catastrophe in a state of perplexed passiveness... The essence of an effective rule for a game or useful law of physics is that it be stateable in advance, and that it apply to more than one case. Ideally, it should represent a property of the system discussed which remains the same under the flux of particular circumstances. In the simplest case, it is a property which is invariant to a set of transformations to which the system is subject. We are thus led to the notions of transformation, transformation-group, and invariant." from your book Cybernetics.

Your prompt consideration of this request will be greatly appreciated. A release form is given below for your convenience. The duplicate is for your files.

Yours sincerely,

Daniel E. Berlyne  
Professor of Psychology

I (We) hereby grant permission for the use of the material requested above.

*permission given  
March 11, 1964*

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

Amsterdam, February 26, 1964

The Reverend Edward F. Hills, Th. D.  
1906 46th Street  
Des Moines 10 Iowa  
U. S. A.

Dear Dr. Hills:

As I am<sup>at/</sup> present lecturing in the Netherlands, I am quite aware of the old Dutch use of the word cybernetics in religious circles. However, the new use of this term is well understood here and has considerable vogue on account of a book written by the late Professor Bock on this subject.

I certainly give you permission to make the quotations which you list in your letter of February 8, as well as any other small quotations of a similar sort which your work may indicate.

With best wishes, I remain,

yours sincerely,

Norbert Wiener



# AMERICAN INSTITUTE OF PHYSICS

335 EAST 45 STREET, NEW YORK, NEW YORK 10017 MURRAY HILL 5-1940

ELMER HUTCHISSON, *Director*

WALLACE WATERFALL, *Secretary and Treasurer*

28 February 1964

Dear Colleague:

As I am sure you know, the Niels Bohr Library of the History of Physics at the American Institute of Physics was made possible by a generous gift of the late Dannie Heineman. The Library will function as a working tool for the historian of science, and will serve also to emphasize the cultural aspects of physics and the increasingly significant role of the physicist in modern society. Excellent biographical material on physicists is now being collected which we believe will appeal to all physicists interested in the history of their subject.

Last year plans for the development of the Library were considered by the Institute's Executive Committee. If the Library is to be a living adjunct to the physics profession funds will be required on a continuing basis for the acquisition of books, professional library service, etc. The Executive Committee strongly endorsed a suggestion that we follow the practice of other scholarly libraries and establish a group to be known as "Friends of the Niels Bohr Library of the History of Physics" as a method of interesting more people in the Library and gain support for the projects connected with it. Several generous contributions have already been made, and I am writing to invite you also to become a Friend of the Library.

The enclosed material will tell you more about the Friends as well as the Library itself. An invitation to participate is included. With the start we now have and your continuing support I am sure we can build one of the truly outstanding libraries of the world on the history of physics.

May we count you among the Friends of the Niels Bohr Library of the History of Physics?

Sincerely,

*Elmer Hutchisson*  
Elmer Hutchisson

EH:jb  
Enclosures

Doctoral House  
Harvard Business School  
Boston 63, Massachusetts  
February 28, 1964

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

Dear Professor Wiener:

Would you please have a set of your three recent articles from the Acta Mathematica, entitled "The Prediction Theory of Multivariate Stochastic Processes I, II, and III", sent to me? I have scanned the articles and believe that your results may be of help to us in our research on Bayesian decision theory.

If you cannot furnish these reprints, I would appreciate your informing me as to how I might obtain them.

I thank you in advance.

Yours truly,

*Irving H. LaValle*

Irving H. LaValle  
Research Assistant

*Give him  
one*

Prof. Dr. D. Mangeron, Iași, RPR

Allea Grigore Ghica, 25

February 28, 1964

Prof. Dr. Norbert' Wiener'

School

Cambridge, Mass.

Dear Representatives of Professor Dr. Wiener's School:

Please agree our congratulations for your valuable activity in the mathematical information theory and more generally in the mathematical kibernetics.

I shall be very delighted to receive one of your new original articles in view to be published in our BULLETIN, a quarterly on science and technology with a large collaboration of world's famous scientists (4-6 pages with two summaries each article). You will receive 50 reprints.

With best wishes and regards,

Very sincerely yours, D. Mangeron

*Mangeron*

P.S. I Beg you very much to send me all your available publications. Thank you.





# Bank Street College of Education

69 BANK STREET, NEW YORK 14, N. Y.

CHELSEA 3-4903

February 28, 1964

Dr. Norbert Wiener  
Massachusetts Institute of Technology  
Cambridge, Massachusetts

Dear Dr. Wiener:

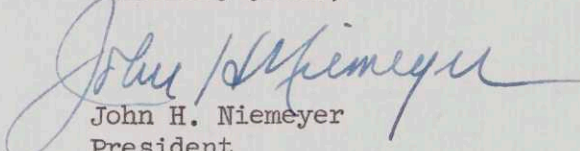
Bank Street College has chosen the luncheon at its 11th Annual Conference as the occasion on which to express its professional admiration and personal affection for Lawrence K. Frank, long-time Bank Street board member. It would be a great pleasure for us, as well as for Dr. Frank, to have you be present.

The luncheon will be held in the West Ballroom of the New York Hilton Hotel, Sixth Avenue at 53rd Street, at 12:30 p.m. on Saturday, March 14, 1964. William F. Haddad, award-winning reporter and former associate director of the Peace Corps, will preside, and Mrs. Marietta Tree, United States Representative to the United Nations Commission on Human Rights, will be the luncheon speaker. I am enclosing a copy of the conference program and a registration form for your convenience.

If it is impossible for you to attend, you might wish to send Dr. Frank a message addressed to me at the college. Such messages will be presented to him at the luncheon.

We earnestly hope that you will be able to join the large group of Dr. Frank's friends and former colleagues on the 14th.

Sincerely yours,

  
John H. Niemeyer  
President

*answered  
March 11.*

jhn:ams  
Enclosure



# THE TECHNOLOGY REVIEW

EDITED AT THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
CAMBRIDGE 39, MASSACHUSETTS

February 28, 1964

Professor Norbert Wiener  
c/o Dr. J. P. Schade  
Netherlands Central Institute  
for Brain Research  
59 B Mauritskade  
Amsterdam, The Netherlands

Dear Professor Wiener:

Many thanks for air mailing back the manuscript.  
We have sent it on to the printer.

Enclosed is a picture that Mrs. Wiener might like  
to have.

Buildings are going up so fast here now that M.I.T.  
is going to look very different when you get back.

With best wishes,

As ever,

*Volta*  
Volta Torrey,  
Editor

VT/mk  
Enc.

28 February 1964

Dr. Robert Barlow  
Office of Science and Technology  
Executive Office Bldg.  
Washington, D. C. 20506

Dear Dr. Barlow:

As Professor Wiener is abroad for a year, I shall take the liberty of thanking you for the forwarding of the photographs which were taken at the White House during the award ceremony of the Medal of Science.

Both sets have been received and also, I might add, a framed document recording the occasion which was delivered at Prof. and Mrs. Wiener's residence a few weeks ago.

Sincerely yours,

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

28 February 1964

Mr. Greg Krex  
22 Tunnel St.  
Lansford, Pa.

Dear Mr. Krex:

As Professor Wiener is currently in Europe, I am afraid he cannot attend to your request of giving you information about cybernetics.

You might try your Public Library for books on the subject and you might find Prof. Wiener's pocketbook "The Human Use of Human Beings", published by Doubleday. It is a lot easier to read than "Cybernetics" and might serve as an introduction to this new area.

Sincerely,

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

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Amsterdam, February 28,  
1964

Dean V. L. Parsegian  
Rensselaer Polytechnic Institute  
Troy, New York  
U. S. A.

Dear Dean Parsegian:

It is good to hear that success is now in sight with your interdisciplinary proposals. I am with you in the spirit though I cannot be with you in the flesh for some time. I am in Europe for the first half of this year, where my headquarters are in Amsterdam except for a few trips away for lectures, and the second half of this year I expect to be in Mexico. However, I can always be reached by mail which is forwarded to me from M. I. T.

With best wishes, I remain,

Yours sincerely,

Norbert Wiener