

312

CORRESPONDENCE May 1-19, 1962

N. WIENER - MC 22

Ernesto M. Rodriguez

accolga le più profonde
scuse per l'errore nel

Suo nome va parte del
Suo contrassegno

Uck Rodriguez

[ca May, 1962]

Prof. Shalva Adeishvili,
29 Pushkin Street, Tbilisi,
Georgian S.S.R.
Soviet Union.

Dear Wiener,

A number of scientific workers of the Georgian Academy of Sciences and the State University of Tbilisi wish to translate and publish your - "Cybernetics or Control and Communication in the Animal and the Machines." We hope you will not have anything against our translating your book into Georgian.

We shall do our best to give an exact rendering with commentaries of the work.

The difficulty is that we have not the English copy. We would very much like to have the latest edition of the book. We do not know where or how to get it and that is the reason we allow ourselves to trouble you. We shall be indebted and greatly obliged if you would help us in getting the book as soon as possible.

With many thanks,

Yours sincerely,

Sh. Adeishvili

[ans 5/29/62]

Jacques C. J. Nihoul
TRINITY COLLEGE

University of Cambridge, Cambridge, England
[Ca. May, 1962]

Monsieur le Professeur,

Je me permets de vous écrire en français sachant que vous possédez complètement cette langue et connaissant les limites de mon anglais malgré mon actuel séjour à Cambridge.

A la demande de l'Université de Liège (Belgique), j'ai présenté lors de ma visite ce mois de décembre à l'Institut Montéfiore un rapport sur votre livre Non linear Problems in Random Theory qui a soulevé, ici, le plus total enthousiasme.

A cette occasion, j'ai rassemblé de façon formelle les idées d'une "transformée stochastique" basée sur la fonction stochastique que vous définissez et je voudrais me permettre de solliciter votre opinion à ce sujet.

Je joins à cette lettre les notes que j'ai présentées sur la façon dont je comprenais votre méthode dans l'écriture de cette transformée stochastique que j'ai cru pouvoir discerner.

Croyez-vous qu'il y ait dans cette idée de transformée matière digne d'une investigation rigoureuse ou est-il quelque raison évidente pour que l'édifice soit illusoire ou inutile?

En vous remerciant, je vous prie de croire, Monsieur le Professeur en mes sentiments respectueux.

J. Nihoul

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J. de S.

sent

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*Note: Please detach carbon paper after completing the Confidential Report so that smudging of the copies during mailing will be lessened.

SIR: Couldn't help composing
this while reading "The
Human Use of Human Beings".

ENTROPY

$ds > 0$

O THERMODYNAMIC GLOOM

ADIEU, TOM, DICK AND SHAPIRO

EN ROUTE TO A COSMIC DOOM.

AS THE ENCLAVES OF ORGANIZATION
- WITH THEIR MANIFESTATIONS OF LIFE -
FALL PREY TO THE COSMIC CYRATION
AND THE PANGS OF PERMUTATIVE STRIFE.

FOR A "BANG" BECOMES "BA"
AND A "TANG" TURNS TO "TA",
AND A SEA STORM SOON SHRINKS TO A SWELL
WHILE THAT COSMIC DESPOILER
INVADES EVERY BOILER
FROM HALCYON HEAVEN TO HELL

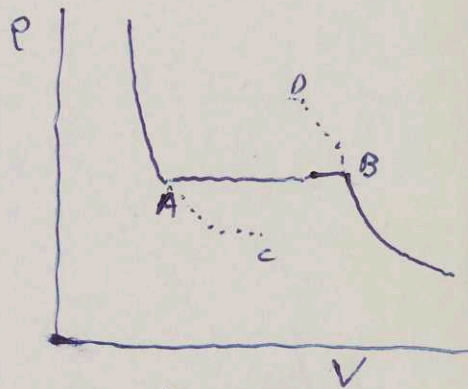
$ds > 0$

SO I'LL SIMPLY AND SOLEMNLY SAY
GOOD BYE TO TOM, DICK AND SHAPIRO
- AND, LIKE HEAT, I'LL BE DRIFTING AWAY.....

BY Paul Lindenbaum
5854 Quinn St.
Bell Gardens, Calif.

Prof. Wiener.

Have you thought at all about the problem of modifying ergodic theory to deal with the case of phase-transitions? It is an observed fact that a superheated liquid or supercooled vapour, (or a magnetic domain of sign opposed to the field), can exist for very long times, yet the ergodic hypothesis seems to say that, in a reasonable time, an assembly goes through all accessible configurations. If you apply the ergodic hypothesis strictly, you average over all configurations, and, for an infinite assembly, you can get sharp transitions, sharp corners like A and B are mathematically possible, but the pressure must be a one-valued function of the volume and the physically observed regions AC and BD are not predicted. Yet elementary theories do predict them!



It seems to me that only two possibilities are open:

- We must accept the fact that, in practice, the region of phase space described by a representative point is a function of the initial conditions, or
- We must modify ergodic theory to deal with the situation in which the probability of transition between two or more regions of phase-space is, in practice, small. You may still have "metrical transitivity" in the mathematical sense, but the time over which you have to average may be impossibly long.

I should much appreciate hearing about any ideas of yours on this. It has puzzled me for a very long time! I suspect that many of the difficulties of formulating ergodic problems are due to the existence of exceptional assemblies of the above types.

I am now your "next-nearest neighbor!" H. N. V. Temperley.

Dr. Prof. Wiener



Dear Eva:

Would you please write Prof. Wiener that I need an extremely strong recommendation to be admitted to the Philosophy Dept. at Yale. My interests are in the development of the logical foundations of value theory and I believe I have a method for providing a new set theory which eliminates the difficulties of the previous ones. My method is the use of Combinatory Logic and redefining the underlying concepts of set theory and the simplified theory of types.

The letter should be sent to
Dean George P. Springer
Director of Admissions
Graduate School
Yale University
New Haven, Conn.

Would you please convey to him that my whole career depends on this.

Thank you for your kind notes

John

P.S. Within this month or next, I will be on the staff of the Air Force Cambridge Research Center, Hanscom Field, Bedford. I will forward my address, so if I may ever be of assistance to you or Prof. Wiener, please feel free to call.

sent to Wiener
(request)

[5/1/62]

GRINNELL COLLEGE
GRINNELL, IOWA

Professor Norbert Wiener
Mass. Institute of Technology
Cambridge 39, Mass.

Dear Professor Wiener:

During this year, I have been using the concept of order as a central focus in dealing with problems of knowledge, language, and logic, problems of science and nature, problems of aesthetics and ethics, problems of politics, society, and history, and problems of metaphysics and theology. There are indeed many different definitions of order, and no little ambiguity as one moves from field to field, or from perspective to perspective within a field, but there is enough in common to permit significant comparison by contrast.

I would like in the years 1963-65 to conduct a seminar for advanced students in our college. How might we include in this series lectures by those who have contributed most to our thinking about order and disorder? We do not want you to think that "order" and "disorder" are blessed words. They simply seem to us the most convenient general terms. Many prefer to speak of "randomness" as do those who work in theory of probability; others prefer the traditional Greek mythological term "chaos," others prefer "chance," etc.

Would you be willing to visit Grinnell, and to talk with us about the aspect of the topic that seems to you most pertinent?

I should like also to know whether you could leave with us an essay that represents your present position, which we might publish in journal or book form.

Would you be willing to comment on the essays of other contributors to the seminar?

All that I need at this time is an expression of interest, and some tentative topic -- or just an indication of the present area of your concern. I am charged with drawing up a budget, which I must submit to the President of my college before the end of the semester. Therefore, may I ask what you think of what an appropriate honorarium would be? Funds are not unlimited, but we would want to be reasonable and generous. If you have any hesitation to name a figure, please do not allow that to hinder your reply. We shall doubtless get some pertinent information about an appropriate fee.

Although I have written Prof. Keutz that you are away until Jan '63, I thought you might wish to give him your general impression of this project.

There are many minor details that might be mentioned in this letter. I have been testing the use of the concept in teaching, and have used it in six different courses. It seems quite as central to reflective problems as one would be lead to suspect from studying such American philosophers of yesterday as Peirce, Royce, James, Santayana, Whitehead, . . . and philosophers of today such as Lewis, Wild, Oliver, Goodman, Hartshorne, Weiss, . . . to mention but six who represent diverse ways of thinking about order. Secondly, there is no dearth of material. I have, during the year, compiled a bibliography of over a thousand books and articles. Thirdly, we would plan to have our students write papers on different meanings of order and if you should care to see what problems they have found challenging and what puzzles have seemed to them insolvable, some of these papers will be made available in our local student philosophical journal appropriately called Nous. Visiting scholars could then easily see the various directions of our research, clearly enough, we might hope, to spot the fallacies.

Might I have the honor of your reply within the next few weeks?

Sincerely yours,

Paul G. Kuntz

Paul G. Kuntz
Noble Professor of Philosophy
and Religion

May 1, 1962

[ans 5/20/62]

Feb May, 1962

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S. N. W

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to Europ af vlt yrs (1963) at home.

Dear Mr. Kuhn:

I did participate in some earlier work on quantum physics with Prof. Max Born in 1925, and we published an article together in "Die Zeitschrift für Physik" in 1926. An account of my collaboration with Prof. Born and the history of my ideas is to be found in my autobiography "I Am A Mathematician" (Doubleday and Co.) Perhaps after you have a look at the book we may decide if you want any further material from me. I am in Italy at present and away from my files. Therefore I would not be able to answer any questions until after my return in February 1963.

Sincerely,



ALTO PATRONATO PRESIDENZA DEL CONSIGLIO DEI MINISTRI
 SALON INTERNATIONAL DE L'ELECTRONIQUE DE L'ENERGIE ATOMIQUE ET DE LA TELE-RADIO-CINEMATOGRAPHIE
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- UFFICIO VIAGGI -

Vs. Rif.

ROMA, li Mai 1962

Prot. N.

Uffici: Via della Scrofa, 14 - Roma Tel. 656.343-656.344-656.345

Mr. Norbert Wiener
 Via Posillipo, 281
 N A P O L I

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Secondo le Sue istruzioni abbiamo provveduto a riservarLe una camera doppia con bagno, con trattamento di pensione completa, dal 17 al 19 giugno, all'Hotel DEI CONGRESSI, viale Shakespeare, 29 -.

Restiamo a Sua completa disposizione per qualunque cosa possa occorrerLe e La preghiamo di gradire i nostri migliori saluti.

VIAGGI STAR
 Agenzi VI ROMA

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gg/

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May 1, 1962

Professor Norbert Wiener
c/o Professor Edoardo Gaigniello
Institute of "Fisica Teorica"
Mostra d' Oltremare
Campi Flegrei
Naples, Italy

Dear Professor Wiener:

Through Harry Day, Assistant Director of the Salzburg Seminar in American Studies, I have learned of your interest in visiting the session on "Science and American Life" at the time of your trip to Salzburg this June. Mr. Day informs me that you will be completing your year as Visiting Professor at the University of Naples at that time and that your plans call for a brief visit to Salzburg on your return trip to the United States.

I should like to extend a cordial invitation to you and Mrs. Wiener to be the guests of the Seminar for a two-day period, at which time we should feel greatly privileged to have you give an evening lecture to the European participants in the Seminar. The participants are from 25 to 40 years of age and are drawn from a broad spectrum of the science and industrial community. The dates for the session on "Science and American Life" are from June 10 to July 8, 1962.

Your reaction to these arrangements will be of great interest and if it develops that you and Mrs. Wiener will be able to make the visit, we shall appreciate being informed of the dates of your visit. Please reply to Mr. Day at Schloss Leopoldskron, Salzburg Seminar in American Studies, Salzburg, Austria.

I understand that you have been having a delightful year at the University of Naples. I am confident that the faculty and students at the Institute of "Fisica Teorica" have found the occasion of your lectureship to be a most rewarding experience.

Sincerely yours,



Arthur S. Adams

ama

[ms 5/25/62]

UNIVERSITY OF CINCINNATI

CINCINNATI 21, OHIO

DEPARTMENT OF MATHEMATICS

May 1, 1962

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

My dear Wiener:

You have undoubtedly received by this time a communication from Mr. C. E. Israel who is Chairman of the Forum series here, asking you if you could speak to a Forum here anytime ~~from the~~ *between November* ~~Fall~~ of 1962 through March of 1963. I called your home the other day and found that you were out of the country. I am having this letter forwarded to you and hope that you can make some temporary commitment for the period mentioned. Let me know whether you could possibly arrange this. I had tried once before, about a year ago, to get you to come here but again found that you had made some previous commitments.

*Cordell
Barnett*

*have not answered
EMK*

UNIVERSAL KNOWLEDGE FOUNDATION

840 NORTH E STREET

SAN BERNARDINO

CALIFORNIA

U.S.A.

HOME OFFICE

TUXEDO 85-7160
May 1, 1962

Dr. Norbert Wiener
53 Cedar Road
Belmont, Mass.

Dear Dr. Wiener:

You are invited to take part in the formulation of a contemporary philosophy. This philosophy is to appear in book form, quotes, paragraphs and essays, with realistic (present and futuristic) ideas being the mode.

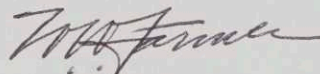
The intent is to bond together the perspectives of today's thinkers as to the need and rewards of objective unity, and purposeful, co-ordinated exploration of knowledge.

I have much correspondence abroad and may include, in the publication, participation from the Eastern World. Perhaps a mutually acceptable philosophy is the means of averting a universal catastrophe.

Since I am a philosopher the enclosures are limited to that perspective. There is room for elaboration in this area, or any facet of man's potentialities, of special concern to you. It will be a privilege to review your perspective of man's position and what he can do to improve it.

All participants will receive proper acknowledgment. May this letter serve as our introduction, and please feel free to make further inquiry.

Sincerely,



W. W. Farmer

WWF:rw

INVITATION

Civilization is a matter of motion not a condition, a voyage not a harbor. Man must define his position and chart his course. The unfathomed ocean of discovery ahead must be navigated with objective purpose.

A philosophy, as the means of communicating the objective and of co-ordinating science in purpose, becomes imperative. This philosophy must respond to man's unique sense of self-perfectibility and give full latitude to his development.

With every facet of science peering into infinity, the infinite becomes man's goal.

This is an international gesture, and the nature and breadth of this objective must be made clear. I urge you to participate in the formulation of this new world philosophy.

THIS QUIET DUST

When the earth was new there appeared a fearful monster, and it was about the same time that life appeared. And ever since then every creature, no matter how fleet of foot, has been overtaken by this terror and carried off to its lair. This is a very strange monster and its prey is life, in the sea, on the land, patiently stalking all that lives.

Its lair is the silent dust beneath our feet. A gust of wind and it moves. Where is the courage this dust once knew? It has known laughter, tears and sorrow, it has tasted happiness and love, it has known what it is to be afraid and to feel the presence of the monster, this quiet dust.

When men learned language they said and wrote all they could that somehow beauty might be added to the monster. Saints and martyrs lived lives of example to prove this monster to be man's benefactor in disguise, his escape to better things. Others thought it a punishment, a price for life, a debt that must be paid. But the monster preyed on animals too. Was it their escape to better things?

There is one strange thing about this eerie reaper. He never appears in person, always sending one of his allies, sickness, accident, old age, or man's lack of knowledge.

Through the ages a few noble men dared to

question the authority of this monster. But in his childhood man was obliged to build a defense of taboos and magic and prophecy of the day this terror would be chained.

In looking back now from our age of enlightenment some smile at the crudeness of these early defenses. But would it be more just to judge by their courage than by their methods? Do those who smile know the method? Is it their courage that makes them smile? Has the monster become beautiful? Or is a smile of humble submission?

But man has a new ally in the struggle. Knowledge is on the side of man. And every day appear powerful defenses; every day the monster loses another ally. Tomorrow we shall have more defenses and the next day and the next, and there appears to be no end in their number or their power. If our insidious enemy knew fear, it would know what it means to have its days numbered.

The enemy is not really very inventive, but he does not need to be. For he has two weapons against us from which, if not recognized, not even knowledge can save us. The first is man's short vision of the powers yet dormant in the arsenal of knowledge; and the second is that we employ the powers we have on the enemy's side in the defeat of all men by man.

Oh that we had some of the noble men of the past, that they might tell us of the benefit man can be to man, that they might see the demons we cast out by knowledge, that they might join in the miracles performed and prophesy of wonders yet to come, and that from their inspiration we might find the wisdom to welcome the rising sun of knowledge in the defeat of the quiet dust.

"KNOWLEDGE"

KNOWN—

That knowledge is the key to life . . .
that knowledge was, when I was not . . .
. . . now I exist . . . therefore I am.

THENCE —

Aware of knowledge . . I have the tool,
the tool with which to make the key,
the key for which I sought so long . . .
to the door of life, that I may become
eternal as knowledge with which I work . . .

INFINITE KNOWLEDGE . . . OMNIFIC MAN

and as a citizen eternal, take my place
in the infinite community of the universe.

A NEW DIMENSION

Since that forgotten age when man-like creatures gazed skyward in speculation, man has found his most cultural theme in its brooding depths. And across the glittering silent night was written the hope of the human family, if somehow he could read it.

And he read across the sky those things of which he knew: torches carried aloft by a super clan — men of course, for animals did not use such. Masters on strange missions whose movements could not be understood, except that now and then they glanced down. And by their pleasure so went the affairs of men. Surely if man lived according to their rules, he would be admitted to their society.

There was one unhappy condition however. Death was the only open door. But all things died, so why not man, a small price for such rich rewards. And so he lived by various rules, that when his time came to meet the sky, the door of life would be found open.

Ages came and rolled away and the stars shone remotely on, and there was little for man to do but work and hope for better things. Then suddenly across the sky we see wandering lights put there by man. And all the stars glitter a welcome meaning, and the skyways lure us on.

Now there is a happy condition; man has found another door. And soon from another world, looking back at the twinkling earth in an alien sky, he will know that it was intended, not as a battlefield and the end of man, but as man's point of beginning and his means to better things.

And the day will come when this solar system will be little remembered, as are the seas whence we came. And the name of earth will seldom be used, unless by some mature creature narrating a fading legend about a little world outgrown . . far away among the stars . . .

THE BROKEN SHELL

Undoubtedly in the immensity of the universe there are other worlds where beings have learned the problem of existence and have become the wondrous creatures men are trying so desperately to

become. Then we might wonder why these god-like creatures do not come in their great wisdom and save us our blunders that we might quickly find the way. But would we then have the intellectual strength to carry on, or would we forever be a leaver, or perhaps in weakness plot for some ambitious ignorance?

If we earn our citizenship in the universe, we ourselves may have to watch young life on other planets struggling to pip the shell, and be powerless to help them or even prevent their suicide if that be the limit of their vision. So perhaps this is the reason we sometimes feel so all alone, adrift on a lonely little planet seeking destiny on our own.

Uneasiness is the symbol of our age. Men strive for some vast answer. The critical point for decision has been reached. We have pipped the shell, and as in all nature, when the egg is pipped, full speed ahead or death. There is no turning back to the safety of the shell.

In past ages civilization from time to time retreated into a sort of unreality, later to venture forth with renewed vision. But for us there is no retreat. A massive void has silently closed behind us, leaving us on this narrow ledge overlooking the infinite. Either we take flight or perish in the fall. Back to the earth and oblivion, or outward now to infinity. Overhead the stars no longer brood their silent indifference; instead they beckon and urge us to quickly cast aside the shell of trifles.

But the concept of men as "cosmic creatures" is not an easy one. The stars as mileposts is a frightening thought. Perhaps we long for our little fire in the cave, the hunter's ritual, our hatreds, wars and fears. Infinity was so much easier in our equations and as promises in our hopes.

But we knew this all along. The embryo knows to pip the egg. We looked forward to this day, and through the ages pointed up and vaguely knew of infinite things, "eternal life," "unlimited knowledge," "endless outer spheres."

Then let us not struggle for bits of broken shell, for once broken the shell can never be mended. Our safety is in the knowledge with which we broke it. And our homage is to the infinite which we have won.

THE TOUCHSTONE

And now we come to the issue in question, the formulation of a new philosophy of growth and purpose. May I offer the following statements for your consideration that you may evaluate the need for such a philosophy and determine your desire to participate.

Mankind, as the explorer of knowledge, now arrives at a new stature of existence. And in this new enlightenment man can not much longer survive as an entity divided in purpose against itself. Mankind must be brought into agreement upon a basic purpose, about which may be gathered the ever-growing powers of discovery.

Knowledge is now man's proved touchstone. By means of knowledge impossibilities disappear, and there is no visible boundary to discovery. So immeasurable are the possible powers of knowledge that they become the means of realizing man's long-term hopes and objectives.

A philosophy of unity, growth and purpose must be implemented so that the individual is awakened to his position in the purpose of mankind, sharing in the attainment of all its goals.

Infinite is the benefit man can be to man. With knowledge man becomes the caretaker of nature not the prisoner, the potter not the clay, not the pawn of destiny but destiny itself.

But knowledge is impersonal, killing or curing with the same methodical precision. Man becomes the factor of decision. "What is man's significance in the universe?" By the authority of knowledge will man's answer be, "A place in the rocks alongside the dinosaurs"? Or will he acclaim, "Nothing less than the universe will contain man in his maturity"?

On a wide front around the world I pose this question, "With the touchstone of knowledge, what shall we do with the future?" Surely in the vision of exceptional minds can be found the balance of values through purposeful effort.

W. W. Farmer, 671 North G,
San Bernardino, Calif., U.S.A.

. . . war will never be abandoned merely because science makes war implausible.

man will forsake war when science makes life too meaningful to be forfeited . . .

. . . thus through mankind knowledge will open all doors to life and infinity . . .

. . . man must initiate a new philosophy that will endure the never-ending revelations in knowledge . . .

QUEENS COLLEGE

of THE CITY UNIVERSITY OF NEW YORK

FLUSHING • 67 • NEW YORK

DEPARTMENT OF MATHEMATICS

May 1, 1962

Professor Norbert Wiener
Dept. of Mathematics
Massachusetts Institute of Technology
Cambridge Mass.

Dear Professor Wiener:

I am prompted to write this letter to you by your cogent remarks about computers, "The Monkey's Paw," Russian roulette, and evasion of responsibility which appeared recently in Saturday Review. And I am emboldened to write it by the fact that we met many years ago.

A book of mine about multiple-choice testing is due to be published, probably by next January, by Crowell-Collier-Macmillan, with an introduction by Jacques Barzun. It is an expansion of articles in American Scholar, Harper's, and Physics Today, copies of which I enclose so that you will have an idea of what the book is like.

Your remarks in Saturday Review suggest that you may well share my views about multiple-choice tests and may therefore be willing to write a brief endorsement of the book for publicity purposes. I hope very much that you will do this for me. Would you please let me know whether I should ask the editor to send a copy of the manuscript to you so that you can look it over.

Sincerely yours,

Banesh Hoffmann

Banesh Hoffmann

Have answered that I'd forward this letter to you for your decision.

[ans 5/16/62]

Committee To Secure Justice For Morton Sobell

Room D

940 BROADWAY (Entrance on 22nd Street) NEW YORK 10, N. Y.

ALgonquin 4-9983

May 1, 1962

Mrs. Morton Sobell
Mrs. Rose Sobell
Chairmen

Dear Prof. Wiener:

HONORARY SPONSORS (partial listing)

Rev. Gross W. Alexander
David Andrews
Rabbi J. S. Bass
Helen M. Beardsley
Leo Berman
Rabbi Samuel Bernstein
Harold A. Cranefield
Lloyd Donnell
Prof. Kermit Eby
Rev. John E. Evans
Rabbi Morris Fishman
Rev. Kenneth Ripley Forbes
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Rabbi Avery Grossfield
Dr. A. Eustace Haydon
Russell Johnson
Rev. John Paul Jones
Rev. Joseph P. King
Dr. Paul L. Lehmann
Dr. Milton Lester
Daniel G. Marshall
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Milton Mayer
Louis F. McCabe
Rev. Peter McCormack
Dr. Gardner Murphy
Rev. Dryden Linsley Phelps
Prof. Dale Pontius
Howard B. Radest
Prof. Anatol Rapaport
Prof. Oscar K. Rice
Lord Bertrand Russell
Prof. Malcolm Sharp
Dr. D. R. Sharpe
Sidney Silverman, M.P.
Rev. Francis S. Tucker
Dr. Harold C. Urey
Mrs. Clara M. Vincent
Rabbi Jacob J. Weinstein
Prof. Francis D. Wormuth

As we continue to gather support for an act of Executive Clemency on the part of the President to free my husband, another avenue for possible release has been opened. While parole eligibility is ordinarily set at one third of the sentence, Morton's parole eligibility has been delayed almost two years on a technicality.

However, now Morton has been informed that his Parole Hearing will take place sometime in May, and that his parole eligibility date has been set as July 27th. This means that the Parole Board can render a decision anytime after May 23rd which is their quarterly meeting date. This decision can come in time for the earliest parole date of July 27th, or may be delayed for a period of some months.

We are asking that you send a letter to the Parole Board at this time expressing your feelings about freeing Morton. The enclosed information is provided so that you may have the address, personnel, and rules of the U.S. Parole Board.

This support on your part is very necessary because parole is not automatic. The fact is that only 14% of all Federal prisoners are granted parole, and no one accused of a political crime has ever been granted parole. This does not mean that we cannot realistically hope and believe that Morton can be freed through this channel. It is perhaps the easiest way in which the Gordian knot of this case can be cut. Your expression of opinion to the Parole Board is most important in making them realize the public interest and concern.

We do look forward to the time of vindication, but the twelve years of Morton's imprisonment make us long for his homecoming now. Please help to achieve the ending of this too-long enduring injustice. A copy of your letter would be appreciated.

Very sincerely yours,

Helen Sobell
(Mrs. Morton Sobell)

UNITED STATES BOARD OF PAROLE

Offices: HOLC Building
First and D. Streets, N.W.
Washington 25, D. C.

George J. Reed
Eva Bowring
Richard A. Chappell, Chairman
Edward J. Donovan
John E. Henry

James C. Neagles, Staff Director
Joseph N. Shore, Parole Executive
Claude S. Nock, Jr., Youth Division Executive

STATUTORY PROVISIONS AND
ADMINISTRATIVE DIRECTIVES

Prisoners Eligible for Parole

"A Federal prisoner, other than a juvenile delinquent or a committed youth offender, wherever confined and serving a definite term or terms of over one hundred and eighty days, whose record shows that he has observed the rules of the institution in which he is confined, may be released on parole after serving one-third of such term or terms or after serving fifteen years of a life sentence or of a sentence of over forty-five years." (18 U.S. Code 4202 as amended by Public Law 98 app'd. July 31, 1951.)

Application and Release; Terms and Conditions

"(a) If it appears to the Board of Parole from a report by the proper institutional officers or upon application by a prisoner eligible for release on parole, that there is a reasonable probability that such prisoner will live and remain at liberty without violating the laws, and if in the opinion of the Board such release is not incompatible with the welfare of society, the Board may in its discretion authorize the release of such prisoner on parole.

"Such parolee shall be allowed in the discretion of the Board, to return to his home, or to go elsewhere, upon such terms and conditions, including personal reports from such paroled person, as the Board shall prescribe, and to remain, while on parole, in the legal custody and under the control of the Attorney General, until the expiration of the maximum term or terms for which he was sentenced.

"Each order of parole shall fix the limits of the parolee's residence which may be changed in the discretion of the Board...

"The board of parole having jurisdiction of the parolee may promulgate rules and regulations for the supervision, discharge from supervision, or recommitment of paroled prisoners." (18 U.S. Code 4208 (d), app'd. August 25, 1958.)

Petition for Executive Clemency: Relation to Parole

"A petition for executive clemency directed to the Pardon Attorney will not be regularly entertained until after the person convicted has served some portion of the term of imprisonment, nor, if such term is more than one year, unless he has reached his parole eligibility date and been denied parole. Every prisoner applying before his parole eligibility date must show why parole procedure, in due course, would not substantially meet the requirements of his case." (Rule 14: Policy of the Office of The Pardon Attorney, Dept. of Justice.) (Further information can be secured from the Office of the Pardon Attorney.)

HEARINGS AT INSTITUTIONS

Regular hearings by a member of the Board or by an examiner designated by the Board will be scheduled for each Federal institution. Prisoners with sentences of one year and one day or more will appear for hearing in person. They may not be represented by counsel or any other person. The meetings are not open to the public. The records of such meetings are confidential and are not open to the prisoner or any other unauthorized person.

REVIEWS

PROGRESS REPORTS

The Board will, on the basis of special progress reports or otherwise, annually review those cases which were denied on original application for parole. It will also review annually the cases of prisoners whose paroles or mandatory releases have been revoked. Any case may also be reviewed at other times upon the receipt of any new information of substantial significance bearing upon the parole application.

Annual progress reports and such special progress reports as the Board has requested will be directed to the attention of the Board.

The institutional authorities may on their own initiative present cases for parole reconsideration. In general, the Board will not request a special progress report within three months of a hearing, save where a psychiatric, medical or other specialized report is required sooner.

In cases brought up for reconsideration on the basis of annual or special progress reports or of significant new information, any decision not to change the Board order of denial must be subscribed by at least two members of the Board. Any decision to grant parole on reconsideration requires a three-member majority decision of a Board quorum.

WASHINGTON REVIEW HEARINGS

Attorneys, relatives and other interested persons desiring to submit memoranda or letters pertinent to any case should forward them to the Board's headquarters. If such persons desire to appear in person for a hearing with members of the Board, they may do so at headquarters by addressing a request for appointment to the Parole Executive, United States Board of Parole, Washington, D. C.

Except in emergency no appointments to appear before the Board in Washington on behalf of a prisoner will be scheduled during the ninety day period following the last of any previous such appearances. Likewise, an appointment before the Board will not be scheduled during the ninety day period following an official Board action concerning a prisoner. Further, an appointment will not be scheduled prior to a Board decision to grant or deny parole or to establish a parole eligibility date.

The above rules shall apply for all prisoners except in the case of a possible revocation of parole or mandatory release. In such instances an attorney, relative or other interested person may appear by appointment, before the Board at any time. A quorum of two members is required for a hearing.

RELEASE ON PAROLE

RELEASE PLANNING

Insofar as it is practicable, the details of each plan for release shall have been verified by field investigation made by the United States Probation Officer of the district into which release will be made, availing himself of the services of accredited social service agencies in the field. His report and recommendations covering this investigation will be considered when the case is heard by the Board. The applicant should give evidence of his willingness to assume his lawful responsibilities and show that he is competent to discharge these responsibilities. Plans are developed on the basis of the social, physical and economic situation of the prisoner and his family.

Where feasible, parole plans for applicants will have been completed and approved prior to the parole hearing date. This

applies especially in the case of prisoners with relatively short sentences. All grants of parole are conditioned on the formulation and approval by the Board of an adequate release plan, and release certificates will not be issued until such approval is given.

ELEMENTS IN RELEASE PLAN

The following principles shall govern the approval of a release plan:

- a. An adviser approved by the United States Probation Office is usually required. Such an adviser should be a responsible citizen living in or near the community in which the parolee will reside. The probation officer may himself act in the role of adviser in appropriate cases upon approval of the Board.
- b. The adviser should be a reputable, law-abiding member of the community who is interested in the future adjustment of the parolee. An adviser should not ordinarily serve for more than one parolee at the same time.
- c. Evidence must be furnished to the Board that the prospective parolee will be employed legitimately following his release. The employment requirement may be waived by the Board where circumstances warrant such waiver.
- d. Assurance must be given that necessary aftercare will be available to parolees who are ill or who have any other demonstrable problems in which special care is necessary, such as may be provided through hospitalization facilities or domiciliary or medical care.
- e. Generally, parolees will be released only to the place of their legal residence unless cause is shown to satisfy the Board that another place of residence will serve the public interest more effectively or will improve the probabilities of the applicant's social readjustment.

COMMUNITY SUPERVISION

GENERAL REQUIREMENTS FOR SUPERVISION OF PAROLEES AND MANDATORY RELEASES

Changes in parole plan

The parole plan approved by the supervising United States Probation Officer and accepted by the Board may be changed after release upon application to and approval by the probation officer and acceptance by the Board.

Travel

The Board recognizes that supervision cannot be maintained if parolees are permitted to move about at will and the general rule is that travel outside the supervision district shall be engaged in

only with prior Board approval. It is acknowledged that situations arise that require decisions concerning travel to be made by the probation officer. In those instances the following rules shall apply:

- (1) Board approval is required for vacation trips outside the district.
- (2) Board approval is required for recurring travel outside the district. (Exception: Approval is not required in the case of parolees who cross district boundaries to engage in or seek employment or for shopping or recreation, if such travel is within a 50-mile radius of the district line.)
- (3) Board approval is required for travel outside the continental limits of the United States, including travel or work aboard ship.
- (4) Board approval is required where specific travel conditions have been imposed by the Board.

Board approval is not required for temporary leave to enter another district for a period not to exceed 20 days to investigate reasonably certain employment possibilities.

Supervision reports

All persons under supervision are required to make reports to the United States Probation Officers to whom they have been assigned as required by the Board. Such reports will be countersigned by the probation officer and forwarded to the office of the Board not later than the tenth of the month. At the same time the probation officer forwards the reports, he shall furnish a list of names and register numbers of all individuals who have not submitted their monthly reports.

Annual Summary Reviews

Probation officers shall submit an annual summary review of the progress of each parolee who has a total supervision period of 30 months or more. The review is to be submitted during the anniversary months of the prisoner's release on parole. After the parolee has been under normal supervision for at least one year, the Board may then either make no change in the supervision status or it may permit the parolee to submit a written report to his probation officer on a less frequent basis than once a month. At some time after such minimum reporting the Board may further order that the parolee be released from all supervision by the probation officer. In the latter instance the parolee may be reinstated to supervision of a probation officer, or a warrant may be issued for him as a violator at any time prior to the expiration of the sentence or sentences imposed by the court. Modification in the reporting requirement may be made by the Board at any time during the parolee's term.

CONFIDENTIALITY OF PAROLE RECORDS

GENERAL POLICY REGARDING CONFIDENTIALITY

To the end that the objectives and procedures of professionalized parole may be advanced and, more specifically, so that the channels of information vital to sound parole actions may be kept open and that offenders released on parole may be protected against publicity deleterious to their adjustment, the following principles relating to the confidentiality of parole records are followed by the Board:

1. The dates of sentence and commitment, parole eligibility date, mandatory release date, or termination of sentence will be revealed in individual cases upon proper inquiry by any party in interest.
2. Whether an inmate is being considered for parole, has been granted or denied parole and, if granted parole, the effective date set by the Parole Board may be revealed by the Board at its discretion where public interest is deemed to require it.
3. Who, if anyone, has supported an application for parole may be revealed at the Board's discretion only in the most exceptional circumstances, with the express approval of such person(s), and after a decision to grant parole has been concluded.
4. Other matters contained in parole records must be held entirely confidential.

Board Meetings:

So far as possible general sessions shall be scheduled when all members of the Board can be present. Regularly scheduled quarterly meetings shall be held on the fourth Wednesday of February, May, August, and November at 10:00 a.m.

Changes in the Rules:

The Board of Parole reserves the right to make such changes or modifications in these rules as circumstances may from time to time require.



The SPECKLED BAND
of BOSTON

"It's a nice household"

SPRING MEETING

St. Botolph Club

May 4, 1962

Marking the 79th Anniversary of Sherlock
Holmes' grim encounter with the late Dr.
Grimesby Roylott of Stoke Moran.



"My dear fellow, I would not miss it for anything . . ."

KEEPER OF THE BAND *Douglas Lawson*

THE HERPETON *Richard Wait*

THE CHEETAH *James Keddie, Jr.*

THE POKER *Philip R. Mather*

CHARTER MEMBERS

James Keddie, Jr.

P. M. Stone

RESIDENT MEMBERS

Norman Ballou

Douglas Lawson

George F. Burrows

Philip R. Mather

E. T. Buxton

Joseph C. Merriam

Russell S. Codman, Jr.

Russell Merritt

John Constable

Spencer B. Montgomery

Devereaux de Gozzaldi

Harry Ober

James M. Dunning

Morton P. Prince

Cyrus W. Durgin

Clarence C. Reed

Arthur D. Fay

Robert S. Steinert

Thomas F. Grady, Jr.

Thomas L. Stix, Jr.

Hector Holmes

Richard F. Treadway

Laurence H. H. Johnson, Jr.

Richard Wait

James Keddie, Jr.

Norbert Wiener

NON-RESIDENT MEMBERS

Roger T. Clapp

Samuel R. Meaker

Richard Schwartz

ACTIVE HONORARY MEMBERS

Nathan Bengis

Vincent Starrett

Brett Halliday

Rex Stout

William A. Jackson

Dr. You Chan Yang



FEAST PRO CORPORE

"We can stop for a little dinner on the way"

IN CRITERION BAR

Cocktails

Clams on Three Quarter Shells

AT TABLE

CELERY

RADISHES

OLIVES

CONSOMME *a la Stoke Moran*

Sherry

BEEF and KIDNEY PIE
a la Martha Hudson

Beaune

SALADE *Faraway*

The Bowl

FROMAGE VARIEE

CRACKERS

The Tantalus

COFFEE

Port

FEAST PRO MENTE

"My name, sir; but you have the advantage of me . . ."

A CASE OF IDENTITY

FROM THE SUBMITTED MANUSCRIPTS
PRESENTATION OF THE
SHERLOCK HOLMES MEMORIAL BOWL

DOUGLAS LAWSON
Keeper of the Band



1854-1962

"What object is served by this circle of misery and fear? It must tend to some end, or else our universe is ruled by chance which is unthinkable."

MEETING OF THE SPECKLED BAND
HELD
FRIDAY, 4th MAY, 1962
AT
ST. BOTOLPH CLUB
BOSTON, MASSACHUSETTS

PRESENT AT MEETING

DAVID L. ANDERSON
NORMAN BALLOU
GEORGE F. BURROWS
E. T. BUXTON
GILES CONSTABLE
W. G. CONSTABLE
DEVEREAUX DE GOZZALDI
JAMES M. DUNNING
THOMAS F. GRADY, JR.
R. G. HARRIS
HECTOR HOLMES
JOHN JAMES
JAMES KEDDIE, JR.
T. RICHARD KELLIHER
DOUGLAS LAWSON

NELSON G. LOFSTEDT
PHILIP R. MATHER
JOSEPH C. MERRIAM
SPENCER B. MONTGOMERY
DAN MORIARTY
HARRY OBER
JOHN B. REIGELUTH
CLARKE SIMONDS
GEORGE H. L. SMITH
THORNTON STEARNS
ROBERT S. STEINERT
THOMAS L. STIX, JR.
RICHARD TREADWAY
RICHARD WAIT
PAUL B. WATSON, JR.

JULIAN WOLFF

ooOoo

It was most pleasant to be meeting once again at the St. Botolph Club. This club was our first club; second meeting in 1943; the first meeting of course was at the old and revered Hotel Victoria in 1940. There were two years with no meetings at all.

Beside the Tantalus being on the table; the Cheroots being in the Coal Box; and the Shag in the slipper, it was noted with interest and awe that the Big Three were all together for the first time since the old 221-B Baker Street days: Holmes, Watson and Moriarty!!!

Among those present this year were Dr. Julian Wolff, prominent leader of the BAKER STREET IRREGULARS in New York, as well as the present editor of THE BAKER STREET JOURNAL; Mr. John James, a direct descendant of the illustrious William James; Mr. W. G. Constable and his son, Mr. Giles Constable descendants of the distinguished artist of the same name, and Mr. R. G. Harris of THE AMATEUR MENDICANT SOCIETY of Detroit. Two new members were recognized since our meeting last year: Mr. Laurence H. H. Johnson, Jr. and Mr. Richard Treadway. Welcome, gentlemen!

The meeting was officially opened by Keeper of THE BAND, Mr. Douglas Lawson, who greeted all present in his amiable way and then proposed the first toast of the evening to: Sherlock Holmes and Dr. Watson. Throughout the dinner of Beef and Kidney Pie, Green Salad and Cheese, the following toasts were offered and drunk: To the Founder of THE BAND, James Keddie by James Keddie, Jr. Mr. Giles Constable proposed the toast to THE WOMAN; Keeper Lawson gave us the toast to the late Edgar W. Smith; while Mr. Thomas Stix offered a toast to The Detectives of Scotland Yard. Mr. Richard Treadway gave us the toast to Helen Stoner; and Mr. Spencer Montgomery that to 'the villain

of the piece' - Dr. Grimesby Roylott. The members toasted the guests of the evening; and they in return toasted us.

The game of the evening was a Charade. To best describe this I quote from an early letter sent out this year by our Keeper:

The evening will be a living Charade..... As you arrive you will be given a score sheet on which will be listed the names of those who will be at the dinner and a space to identify the character whom he represents (N.B. The Master and Dr. Watson, as well as birds and beasts were ruled out). After we adjourn to the living room the judges (Holmes, Watson and Moriarty) will score the sheets allowing one point for each correct choice and minus two points for each error in choice. The winner will have the Holmes Cup to have and to hold for one year and a replica bowl for keeping. The runner-up will also get a replica of the Holmes Bowl.

During the dinner period the sixteen who elected to play the Charade were called on for a few words in their character. It was noted that a few of these players were in appropriate costume.

Under the leadership of Dr. Dunning - Mr. George Burrows, Mr. Robert Harris, Mr. Joseph C. Merriam and Mr. Harry Ober conducted the gathering in the singing of "The Road to Baker Street" and "Aunt Clara". This was followed by the Musgrave Ritual in which we responded to the questioning of Mr. Thomas Grady. The Ritual of the Sherlock Holmes Bowl with Champagne for all was as usual conducted by Keeper Lawson; while Mr. Norman Ballou explained the purpose of the Tantalus and served the Cognac.

Dr. Julian Wolff reported on the activities of THE BAKER STREET IRREGULARS in New York. All is well with the Parent Body; and the JOURNAL is thriving nicely.

Poker Mather and Keeper Lawson read telegrams and letters of regret and good will from those who could not be with us this evening.

At this point dinner being over, there was a twenty minute recess after which we gathered together again in the library.

Poker Mather who is also the BAND'S Poet Laureate opened this part of the festivities with a fine warning! - from which I quote the opening stanza:

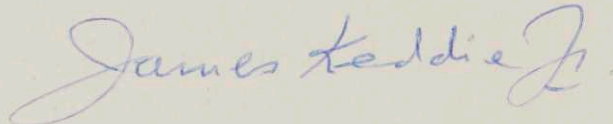
Friends of Sherlock, on your guard:
Evil forces wield their might!
No help will come from Scotland Yard:
And Moriarty's here tonight!

The judging of the Charade came next which resulted in a three way tie! Mr. Douglas Lawson, Mr. Robert S. Steinert and Mr. John James. A very, very close fourth was Mr. Harry Ober.

And the paper of the evening was read by Mr. E. T. Buxton - entitled: "The Holmesian Apocrypha". "There is no more vexed problem in the range of Sherlockian Literature," he said, "than that of the volume published only a few years ago under the title of 'The Exploits of Sherlock Holmes'." Mr. Buxton discussed the stories therein and their merits, if any. "...some might be amplifications of initial sketches by Watson and others his first drafts taken without careful revision. On the other hand, the person responsible for the insurance of the volume in question, the son of the literary agent, did have access to his father's papers as his executor and may, as he claimed, found at least some additional writings by the Sherlockian historian.... Now the amazing fact about 'The Exploits' is not that some of the stories are so off-key that they are NOT Sherlock Holmes; but that some of them are - and that at least two and possibly three of these are very fine quality." Mr. Buxton said: "'The Sealed Room' is the perfect story. There is not one false note in it, and the plot is good, a logical concealed key and a keenly deduced solution by Holmes."

It was observed that the hour was late and since all business for 1962 had been brought to a close, the Viper was recoiled for another year.

Respectfully submitted

A handwritten signature in blue ink that reads "James Keddie Jr." with a stylized flourish at the end.

Your Cheetah

1, JUNE 1962

THE 1962 SPECKLED BAND LIST

NORMAN BALLOU	Room 707, 140 Federal Street, Boston, Mass.
GEORGE F. BURROWS	2 Holyoke Street, Cambridge, Mass.
E. T. BUXTON	7 Bow Street, Concord, Mass.
ROGER T. CLAPP	260 West Exchange Street, Providence, R. I.
RUSSELL S. CODMAN	50 Congress Street, Boston, Mass.
DR. JOHN CONSTABLE	23 Craigie Street, Cambridge, Mass.
J. DEVEREAUX DeGOZZALDI	1216 Statler Building, Boston 16, Mass.
DR. JAMES M. DUNNING	23 Buckingham Street, Cambridge 38, Mass.
CYRUS W. DURGIN	c/o The Boston Globe, Boston, Mass.
ARTHUR D. FAY	15 Vernon Street, Nahant, Mass.
THOMAS F. GRADY, JR.	School Dept., 2 Ferry Street, Malden, Mass.
HECTOR M. HOLMES	84 State Street, Boston 9, Mass.
WILLIAM A. JACKSON	Houghton Library, Harvard University, Cambridge
LAURENCE H. H. JOHNSON, JR.	40 Broad Street, Boston, Mass.
JAMES KEDDIE, JR.	28 Laurel Avenue, Wellesley Hills 81, Mass.
DOUGLAS LAWSON	177 State Street, Boston 9, Mass.
PHILIP R. MATHER	16 Arlington Street, Boston 16, Mass.
DR. SAMUEL R. MEAKER	Adjudication Div. Veterans Administration Regional Office, 1380 S. Sepulveda, Los Angeles, California
DR. JOSEPH C. MERRIAM	Free Hospital for Women, 345 Pond Avenue, Brookline 46, Mass.
RUSSELL MERRITT	2608 Orrington Ave., Evanston, Illinois
SPENCER B. MONTGOMERY	30 Federal Street, Boston 10, Mass.
HARRY OBER	24 Griggs Terrace, Brookline 46, Mass.
MORTON P. PRINCE	57 Chestnut Street, Boston, Mass.
CLARENCE C. REED	Keith, Reed & Wheatley, 1531 Main Street, Brockton, Mass.
RICHARD S. SCHWARTZ	St. Johannis-Platz, Basel, Switzerland
ROBERT S. STEINERT	Room 316, United Bldg., 43 Leon Street, Boston
THOMAS L. STIX, JR.	c/o Wolff, 33 Riverside Drive, New York City
RICHARD F. TREADWAY	22 West Cedar Street, Boston, Mass.
RICHARD WAIT	30 State Street, Boston 9, Mass.
NORBERT WIENER	53 Cedar Road, Belmont, Mass.

Massachusetts General Hospital

Boston 14

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ADMINISTRATOR

IN BELMONT
MCLEAN HOSPITAL
ALFRED H. STANTON, M.D.
PSYCHIATRIST - IN-CHIEF

IN LINCOLN
STORROW HOUSE
(CONVALESCENTS)

May 4, 1962

Professor Norbert Wiener
281 via Posillipo
Naples, Italy

Dear Professor Wiener:

It was very good to see the Round Robin letter that you sent to Dr. Barr, and to hear that things are going so well with you in Naples. I do envy your ability to lecture in Italian; for myself, I am still struggling along with Dante's Divina Comedia (it happens that I have just covered an interesting section in which the nature of the dark spots on the moon are being discussed by Dante and Beatrice).

Just recently Chuck Robinson has made some significant progress with our work, in a technical capacity, and has come up with some possibly interesting results in relation to the interrelation of the changes of the EEG with drowsiness. He is now making a series of routine EEG recordings for analysis, and doubtless will keep you posted on developments. I think that it is now perfectly clear that it was by far the best thing in the end that this project continued at M.I.T., rather than at Naples, for I fear that otherwise the time lost would have been very great, in setting up a new laboratory etc.

I am enclosing two reprints from the "California Computer Conference", that may be of interest to you; I would like to direct your attention especially to the last paragraph (page 93) of the reprint of Walter Rosenblith's.

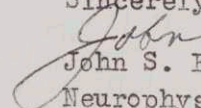
Doubtless Dr. Barr has been in communication with you concerning the prosthesis program; I have myself not heard very much about it recently.

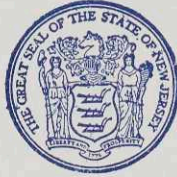
Recently I delivered a paper concerning the studies of control of eye movements, which I discussed with you before your departure for Europe; this material will be included in part in the next issue of the Quarterly Progress Reports from the Research Laboratory of Electronics. I shall remember to send you a copy of it. Enclosed is a copy of the Quarterly Progress Report portion that I wrote concerning photic effects in the EEG.

I do hope that everything is well with you and Mrs. Wiener, to whom I hope you will give my very best wishes, and also to the other members of the group in Naples.

JSB/eb
Enc.

Sincerely yours,


John S. Barlow, M.D.
Neurophysiologist,
Neurology Service



State of New Jersey

DEPARTMENT OF CONSERVATION
AND ECONOMIC DEVELOPMENT

H. MAT ADAMS, COMMISSIONER
TRENTON 25

DIVISION OF STATE & REGIONAL PLANNING
B. BUDD CHAVOOSHIAN
DIRECTOR

May 4, 1962

PLEASE ADDRESS REPLY TO:
30 S. Montgomery St.
Trenton, New Jersey

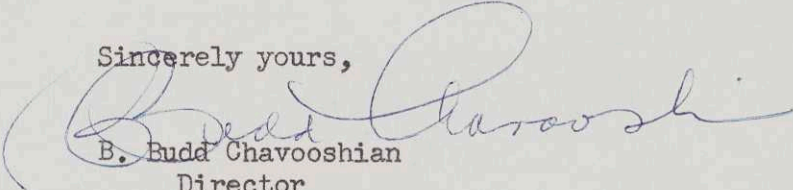
Professor Norbert Wiener
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dear Professor Wiener:

It was our privilege to reprint one of your articles in a special anthology issue of Jersey Plans prior to the 1962 national planning conference, held in Atlantic City under the auspices of the American Society of Planning Officials. All of the papers in the anthology were selected and referred to us by the officers of ASPO.

As an expression of our gratitude to you as the author, we are enclosing a complimentary copy which we hope you will enjoy having.

Sincerely yours,


B. Budd Chavooshian
Director

BBC:as
Encl.
1



DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

WASHINGTON 25, D. C.

BUREAU OF STATE SERVICES

May 4, 1962

Refer to:

Dr. Norbert Wiener
Department of Mathematics
Massachusetts Inst. of Technology
Cambridge, Massachusetts

Dear Dr. Wiener:

It has been many years since I have had an opportunity to discuss with you any problem of mutual interest. I enjoyed very much reading your autobiography and understand that there is another similar document which I haven't as yet seen, but shall hasten to peruse.

Completely aside from our discussions of possible feed back mechanisms which might be involved in leukemia which we discussed in Nashville, I have what I think is an interesting proposal directed towards the improvement in scintiscanning of humans following the introduction of radioisotopes for diagnostic purposes as well as the mechanistic use of a similar instrument in connection with a computer for scanning conventional X-ray films to improve on--or at least, supplement--the use of the human eye.

As a member of a team visiting one of the Harvard Units on a project site visit on May 21, I expect to be in Boston for that weekend and wonder if you would be available for the 22nd for a short visit.

With best personal wishes.

Sincerely yours,

Paul F. Hahn, Ph.D.
Chief, Research Grants Staff
Division of Radiological Health

*Answered - will forward
mail if he wants
to write*

THE CROWELL-COLLIER PUBLISHING COMPANY

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MURRAY HILL 6-5831

May 7, 1962

EDITORIAL OFFICES

Professor Norbert Wiener
Massachusetts Institute of Technology
Cambridge 39, Massachusetts

Dear Professor Wiener:

Collier's Encyclopedia is revising its articles in the physical sciences. We would very much like to have you expand your article on cybernetics which you wrote for us in 1956.

Should you be willing to undertake this assignment, we would like the new cybernetics article to be expanded to about 2,000 words. We will need the article by June 25, and the honorarium we can offer is \$80.00.

If you cannot undertake this task, we would appreciate your suggesting someone who might be willing to do it by the required deadline.

I look forward to hearing from you.

Very truly yours,

Martin L. Keen

Martin L. Keen
Senior Editor, Physical Sciences
Collier's Encyclopedia

MLK/hoc

Answered that deadline too soon.
If letter had reached me earlier, Prof. W.
might have considered accept, but I've,
but know it would be too late.

A. S. Gillman,
225 Margaret Avenue,
Winnipeg 17, Manitoba,
Canada.

8 May, 1962.

Professor Norbert Wiener,
c/o Massachusetts Institute of Technology,
Boston, Massachusetts,
U. S. A.

Dear Professor Wiener:

On page 22 of the 1961 edition of your book, Cybernetics, you mention work that you and others have done in ". . . devising, for people wishing to go into this new field, a scheme of training which will secure for them both the necessary mathematical, physical, and engineering background and the proper acquaintance with biological, psychological, and medical techniques."

I plan to spend my life studying Cybernetics, and attempting to apply its methods in the behavioural sciences, particularly economics. (I am interested in this work from the point of view of methodological analysis, etc., -- not from the point of view of, say, business applications.)

My present academic background includes complete undergraduate training in economics; intermediate calculus and statistics; introductory physics; intermediate philosophy (western); and self-undertaken reading in information theory, game theory, elementary modern topics (math), mathematical philosophy, scientific methodology, philosophy of science. I am a student in Arts at the University of Manitoba, having just finished my third year.

Can you give me any suggestions about my further studies? Can you refer me to some authoritative source from which I could obtain such guidance?

I should be very grateful for any remarks you may care to make about these matters.

Thank you.

Yours respectfully,



Arthur S. Gillman

did not answer

[ans 5/31/62]

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

DEPARTMENT OF MATHEMATICS

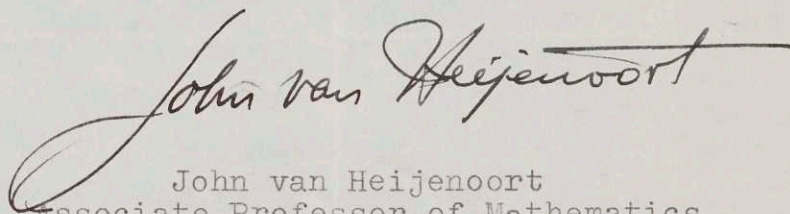
TELEPHONE: SPRING 7-2000

8 May 1962

Dear Professor Wiener,

I am preparing, for Harvard University Press, Cambridge, Mass., a Source Book in Mathematical Logic, 1879-1931, and I would like to include in the book your 1912 paper "A simplification of the logic of relations." I have already received from the Cambridge Philosophical Society permission to reprint the paper, and now I would like to be sure that all that has your approval.

Truly yours,



John van Heijenoort
Associate Professor of Mathematics
100 Washington Square
New York 3, N. Y.

did not answer

May 10, 1962

Professor Gregory Bateson
Veterans Administration, Ethnology Section
3801 Juniperro Serra Blvd.
Palo Alto, California
U. S. A.

Dear Gregory:

Thank you very much for your reprint of " The Role Of Somatic Change In Evolution" which I shall read as soon as I can give it sufficient to do a good job of it. As you see I am in Italy for the year and have been kept very busy. If all goes well, I shall be in California again for a few weeks during the summer of 1963. Maybe we can manage to get together then. With best wishes from house to house. I am,

sincerely yours,

Norbert Wiener

May 10, 1962

Professor Lynwood Bryant
Director, The M.I.T. Press
Massachusetts Institute of Technology
Cambridge 39, Massachusetts
U. S. A.

Dear Professor Bryant:

I want to thank you, although belatedly, for your kind letter of March 5 of this year, with the copies of some of the reviews. I am also happy to hear that you are beginning to think of a second printing of the new edition of Cybernetics. The subject seems to be going strong here in Europe. About a month ago Margaret and I attended the Second International Congress of Cybernetic Medicine, ^{in Amsterdam} and here in Naples we are just about to conclude an International Spring School on Physics in which the main subject was the cybernetics of neural processes. I shall be glad for a respite after this week.

So far we are having as delightful a trip as the last time. But we are kept very busy. Naples is as enchanting as ever. This summer we shall be for the most part in central and northern Europe. There will be times when we shall long for our quiet house on Bear Camp Pond Road, and envy your being there. Our health is good, and my leg is behaving reasonably well. And when the time comes we shall look forward to be back at Tech among our friends.

With best wishes from house to house, I am,

sincerely yours,

May 10, 1962

The Reverend Canon L. John Collins
Chairman, Campaign for Nuclear Disarmament
2 Carthusian Street
London E C 1, England

Dear Rev. Canon Collins:

Your letter of April 3, was forwarded to me here in Italy, and I hasten to answer your kind invitation to attend a conference in Accra this June. I thank you for the honor of including me in the list of participants. However, previous commitments make it impossible for me to attend.

Wishing you every success in your endeavor, I remain,

Yours sincerely,

Norbert Wiener

May 10, 1962

Dr. Gunnar Fant
Royal Institute of Technology
Speech Transmission Laboratory
Stockholm 70. Sweden

Dear Dr. Fant:

Your letter of April 19, asking me to give the opening talk for the Speech Communication Seminar on August 30^{*}. I shall be very glad to do so, and the subject you name, a historical review of my work, suits me perfectly. There is just one condition I should like to make, namely that I am not expected to hand the talk in written form, my reason being, that I am so overburdened with previous commitments and editing already.

I expect to be in Stockholm for the International Congress of Mathematicians from August 15 - 22, and shall welcome the opportunity to visit your institute again. Please let me know what the expenses would be in connection with my attending this seminar. My wife will accompany me.

Thanking you for the honor of asking me to give the opening talk, and apologizing for the delay in answering, I am

sincerely,

Norbert Wiener

was forwarded to me here in Italy where I shall be at the Istituto Di Fisica Teorica for the rest of this year.

[ans 4/19/62]

May 10, 1962

Dear Chuck,

I am not surprised that the detailed work on brain wave analysis is leading into a series of postponements and disappointments. The best proof that the work you are doing will be suitable for a doctorate is that it isn't so obvious that you can do it in one push. Frankly, I am glad to see that the problem with which you are occupied has enough body to it to be worthy of your best efforts.

We are having a wonderful time here, and I am teaching a course here that is closely modeled on my course at M.I.T. The boys seem to like it, and it is an indispensable part of their training not covered by other courses here. It will be a considerable help toward my proposed Cambridge University book.

I have picked up one or two interesting things that may be relative to our prothesis work. I also found some new leads in the Netherlands at the Congress. We have just about finished the Spring School at the Institute here, and I shall be glad for a let-up.

Tell Arbib that I am making considerable progress on the statistical mechanics work about which I spoke at the Spring School.

Best regards.

Sincerely,

Wiener

May 12, 1962

Dr. Norbert Wiener
presso Prof. E.R. Caianiello
Istituto di Fisica Teorica
Università di Napoli

Dear Sir,

I am Italian correspondent for World Wide Medical News Service of New York City, and had the pleasure of hearing you speak at the Cybernetic Medicine meeting in Naples some two years ago. If possible, I should like to be able to interview you in the near future concerning the recent meeting held in Amsterdam, progress made in the medical branch of cybernetics in the last two years, etc. I shall be free to come to Naples any time at your convenience after Friday, May 18.

I mentioned to Prof. Aldo Masturzo before the Amsterdam meeting that I was interested in having news of it from you, and at that time he said he would try to arrange an interview for me. However, since I have heard nothing from him, and had no response to a recent letter, I presume he was not able to arrange the interview.

Could you please let me know soon whether it will be possible for me to see you, when and where?

Yours truly,

Kathleen Zammarano

Kathleen Anderson Zammarano
Via Nizza 45
Roma

Massachusetts General Hospital

Boston 14

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IN BOSTON

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ELLSWORTH T. NEUMANN, M.D.
ADMINISTRATOR

IN BELMONT
MCLEAN HOSPITAL
ALFRED H. STANTON, M.D.
PSYCHIATRIST-IN-CHIEF

IN LINCOLN
STORROW HOUSE
(CONVALESCENTS)

May 14, 1962

Professor Norbert Wiener
281 Via Posilippo
Naples, Italy

Dear Professor Wiener:

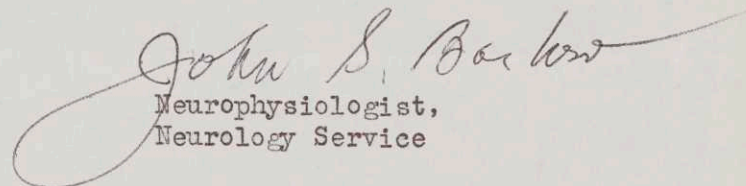
I thought you would be interested to see the enclosed clipping concerning the use of computers. It seems to me that this is much the sort of thing that you cautioned against in your lecture at M.I.T., (on the same program in which Sir Charles Snow, Dr. Morrison, and others appeared).

On another matter, I am just reading of the book: "Einstein on Peace" and note with interest your activities in this area in the years following the last war. In fact it was in that connection, as I recall, that I first heard your name mentioned, in about 1948.

With best wishes to Mrs. Wiener,

Sincerely yours,

John S. Barlow, M.D.


Neurophysiologist,
Neurology Service

JSB/eb

Enc.

[ans 5/23/62]

Telephone: Bradford 28837

All communications should be
addressed to the Principal

BRADFORD INSTITUTE OF TECHNOLOGY
BRADFORD 7

England.

NHC/JS

14th May, 1962.

Dear Professor Wiener,

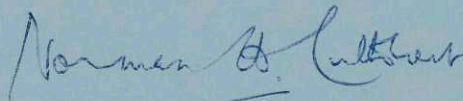
We are commencing an investigation into the provision for training and for research facilities in the field of cybernetics.

We should be extremely grateful to you, as the authority in this field, if you could tell us something about the set-up at M.I.T., i.e. research facilities, courses, department(s) organising the provision. It would be extremely helpful also to know of any other training or research work in this field which you feel worth a special mention, whether carried on by a higher educational establishment or a business enterprise, in the U.S.A. or elsewhere.

In conclusion, is it possible to estimate the rate of growth of the field, in terms, say, of the number of persons actively interested?

Very best wishes to you.

Sincerely yours,



N. H. Cuthbert

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

did not answer

[ans 5/31/62]



Professor Norbert Wiener,

Department of Mathematics,

Massachusetts Institute of Technology,

Cambridge 39,

Massachusetts,

U.S.A.

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Second fold here

Sender's name and address: THE PRINCIPAL

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University Appointment.

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14th May, 1962.

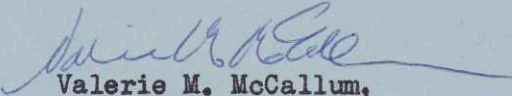
Professor R. Weiner,
Department of Mathematics,
Massachusetts Institute of Technology,
CAMBRIDGE 39, MASS. U.S.A.

Dear Professor Wiener,

Some time ago you were kind enough to assist the University by commenting on the qualifications and experience of Mr. Michael Arbib, who has now been offered appointment as Visiting Lecturer in the School of Mathematics.

May I extend my thanks to you for your assistance in this matter.

Yours sincerely,


Valerie M. McCallum,
Appointments Officer.

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Department of Mathematics,

Massachusetts Institute of Technology,

CAMBRIDGE 39, MASS. U.S.A.

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Your ref:

14th May 1962.

Professor Norbert Wiener,
Massachusetts Institute of Technology,
Cambridge,
Mass.
United States of America.

Dear Professor Wiener,

In a book "Patents for Inventions" (1955), Stevenson & Sons Ltd., London, T.A. Blanco-White has the following quotation on page one.

"It is well recognised that a strong patent in weak hands is always less effective than a weak patent in strong hands".

According to a footnote this is taken from your book "The Human Use of Human Beings" (1951) at page 120. I have searched exhaustively in the libraries in the United Kingdom for your book and I can only find the edition published in 1954 by Eyre & Spottiswoode, London, which does not contain the quotation referred to by Blanco-White.

In his footnote, Blanco-White states "The whole of Dr. Wiener's highly critical discussion of the United States patent system (which resembles ours) should be of interest to students of this subject".

I have been in touch with Mr. Blanco-White, who is a professional acquaintance of mine, and he is not able to help me.

Perhaps the discussion of the United States patent system was omitted from the English edition or perhaps Mr. Blanco-White should have referred to another of your books.

I should be very grateful for your help as at the moment I am extremely interested in the United States patent system and its operation.

Yours sincerely,

Walter Scott
Chartered Patent Agent

[enc 7/28/62]

Our Adress:

Carlos Ignacio Zamitti Mammana &

Luiz Gylvan Meira Filho

H 8 B - Instituto Tecnológico de Aeronáutica

São José dos Campos - Estado de São Paulo

BRAZIL - SOUTH AMERICA



S. José dos Campos, May, 16 1962

Dear Professor Wiener

We are students of Electronics at the "Instituto Tecnológico de Aeronáutica", and we intend to specialize our knowledge in the branch of Cybernetics

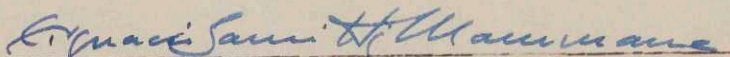
As we are informed that you are one of the heads in this study, we would be very glad if you could answer us some fundamental questions:


1. Which are, nowadays, the institutions where researches are being made in the subject?
2. Which books do you consider as necessary for a basic formation on Cybernetics?
3. Is there a possibility for one of us studying, or even working under your orientation, after graduation, there, at the M.I.T.?

We expect to receive our degree (Bachelor in Electronics) in Dec. 1964.

We thank you very much, in advance for everything you can do for us.

Sincerely yours


Carlos Ignacio Zamitti Mammana


Luiz Gylvan Meira Filho

[ans 4/5/63]

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CAMBRIDGE 39. MASS.

DEPARTMENT OF MATHEMATICS

May 16, 1962

Dear Prof. and Mrs. Wiener,

Again a week has passed and you will find enclosed what I think will be of interest to you.

Among many other things which have arrived here at the office are two books: Blanc Lapierre: "La Mathematique a l'usage du physicien et de l'ingenieur-- Tome I" and

"Anatomy of Automation" by Amber and Amber

which, besides Mr. Stafford Hatfield, has been dedicated to Prof. Wiener. It is a survey.

It seems that requests for recommendations are coming in fairly strongly -- an indication that the boys are notstanding still. The latest has come from John Kotelly who has asked me to get in touch with you regarding his efforts to be admitted to the Philosophy Dept. at Yale.

His interests are in the development of the logical foundation of value theory and he believes that he has a method for providing a new set theory which eliminates the difficulties of the previous ones. His method is the use of combinatory logic and redefining the underlying concepts of set theory and the simplified theory of types. Starting next month or so, he will be at the Air Force Cambridge Res. Center in Bedford which has agreed to send him to Yale one day a week for a course in logic. I imagine he needs a strong recommendation. You will remember that he helped you in the computation of brain waves and the typing of the manuscript when I was not there, and I think in the probability course before Chuck Robinson came along. He got his B. S. in math. in 1960. The letter should be sent to Dean George P. Springer
Director of Admissions
Graduate School
Yale University
New Haven, Conn.

Other than that, nothing is new. -- How is everything going with you both? As I have not heard from you for quite a while, I assume that all is well. I am still a "lady of leisure" insofar as I have not tried to get another part-time job. But it is not all leisure, as Mrs. Wiener knows.

Do have a wonderful time in Naples! I imagine that you are already making plans for Paris?

With the best of wishes,

Lu-Mark Ritter

May 16, 1962

Professor Hans H. Hoffmann
Department of Mathematics
Queens College of the
City University of New York
Flushing 67, New York
U. S. A.

Dear Professor Hoffmann:

I completely share with you your disapproval of the multiple choice questions. Not only are they subject to all the difficulties which you name, but to others which in my opinion are even more serious. I do not look favorably on that sort of scholarship which consists of knowing by name conveniently given to formulas and other scientific concepts. In mathematics, for example, a glib production of the names of formulas means nothing to me. What I want from a student is the ability not so much to remember as to find for himself the concepts relevant to the problems on which he is working irrespective of how they are conveniently named. I have found myself embarrassed repeatedly by students who have fluently produced certain names of formulas which I did not know and which on further investigation turned out to be formulas which I myself have introduced. Later these have been given names by other people and I had not bothered to learn them.

The point is not my personal experiences but rather if the knowledge of these conventional names can scarcely be expected of the originator of a theorem, it is not a very good index of the knowledge of the student.

Such questions and their answers reflect the assiduity of the student in memorizing the textbook, but have very little to do with his real comprehension of their contents. This, I am afraid, is not only true of

(over)

the advanced level of which I am writing but all along the line. Alternative choice questions put a value on the wrong type of memory, and I would hate to judge any student at any level according to his answers to questions which are rather intended to make the bookkeeping of the examiner easy than to really test his comprehension.

Of course, I cannot write an advance indorsement of a book I have not read, but I am writing this letter as a token of approval of what I believe to be a point of view. Perhaps we had better leave the matter this way.

Sincerely yours,

Norbert Wiener

Not only are all the difficulties which you name, but to others which in my opinion are even more serious. I do not look favorably on that sort of scholarship which consists of knowing the names conveniently given to formulas and other scientific concepts. In mathematics, for example, a slip production of the names of formulas means nothing to me. What I want from a student is the ability not so much to remember as to find for himself the concepts relevant to the problems on which he is working irrespective of how they are conveniently named. I have found myself embarrassed repeatedly by students who have frequently produced certain names of formulas which I did not know and which on further investigation turned out to be formulas which I myself have introduced. Later these have been given names by other people and I had not bothered to learn them.

The point is not my personal experiences but rather if the knowledge of these conventional names can scarcely be expected of the student of a theorem, it is not a very good index of the knowledge of the student.

Such questions and their answers reflect the assiduity of the student in memorizing the textbook, but have very little to do with his real comprehension of their contents. This, I am afraid, is not only true of

May 16, 1962

Dean R. B. Lindsay
The Graduate School
Brown University
Providence 12,
Rhode Island
U. S. A.

Dear Dean Lindsay:

I am highly complimented by your letter of April 26, asking me to participate in the joint meeting of the American Physical Society and the American Association of Physics Teachers in New York in January 1963. However, I find it advisable to limit my participation at meetings, since I am already fully loaded up with previous engagements when I return to the United States late in January 1963, with taking up my work again at M.I.T. as well as a new research project in which I am engaged with a group of Boston doctors. I therefore must regretfully decline your kind invitation.

Sincerely yours,

Robert Wiener

SPEECH COMMUNICATION SEMINAR

Stockholm / Sweden
August 29 - September 1, 1962

Professor Norbert Wiener,
Istituto di Fisica Teorica,
N a p l e s
Italy

This is to acknowledge receipt of your cheque for 14 \$
covering your fee for

active membership	10 \$	
seminar proceedings	- \$	
subscribed dinner	4 \$	(2 person/s)

Stockholm, May 17th , 1962

Marianne Richter
(Mrs. M. Richter)

GENERAL INFORMATION ABOUT THE SPEECH COMMUNICATION SEMINAR
IN STOCKHOLM AUGUST 29 TO SEPTEMBER 1, 1962

The preliminary program earlier distributed to those who have expressed an interest in participation has been revised. The major changes are in the order of the sessions during the two days of formal meetings, the Thursday and the Friday. Wednesday and a part of Saturday will, as before, be devoted to open house visits to the Speech Transmission Laboratory.

It has been decided that contributions in the form of preprints may cover individual progress reports as well as review articles but that the discussions during the seminar will concentrate on general theory and comparative reviews of the present status of knowledge and techniques in a number of preselected topics. Those who want to participate actively with papers both at the IVth ICA in Copenhagen and the Speech Communication Seminar in Stockholm are welcome to do so. A preprint submitted to the IVth ICA may thus also be submitted to the Seminar in Stockholm to be included in the preprints of the Seminar provided it may be considered to provide valuable data for the discussions.

Short abstracts and titles of proposed papers will be received until April 15. Those papers which appear to be of general interest and to contribute to a well balanced program will be accepted and authors are accordingly notified. The complete manuscripts should be submitted not later than June 1. They will be mimeographed and distributed to the participants of the Speech Communication Seminar in connection with the registration for the IVth ICA Meeting in Copenhagen, or if so preferred, in Stockholm. Manuscripts, not exceeding 8 pages, should be typed on A4 (21x29 cm) paper and illustrations should be made in the form of original drawings or high quality photographs of a size suitable for direct stencil transfer on A4 papers.

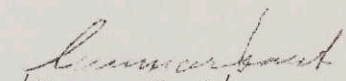
The final proceedings of the Speech Communication Seminar will contain an Appendix with the discussions for each of the 4 major sessions of the Seminar.

It is our intention to organize these discussions in the following way. Authors of the individual papers will not read their papers at the meeting but are given the opportunity to present brief comments. One or two main discussants for each session will be selected in advance with the object that they should provoke a fruitful general discussion and if possible attempt to summarize the status of the art. No tape-recordings will be made of the discussions except for the benefit of those who want to check up on particular details after the sessions. The formant proceedings of the discussions will be based on the written version of each participant's summary of his own oral contribution.

Hotel rooms and other accommodations will be arranged by request to the organizing committee of the Seminar.

The registration fee, 10 dollars, covers the cost of the preprints but not the final version of the proceedings which will cost additional 5 dollars. The major parts of the cost for the subscribed dinner on the Friday will be taken care of by the Swedish Acoustical Society.

Stockholm, March 1, 1962


/Gunnar Fant/

Wednesday, August 29

1300 - 1700. Registration. Open house at the Speech Transmission Laboratory.

Thursday, August 30

0830 - 0930. Registration.

0930 - 1200. Session A.

Theory of speech

1. Mathematical models of acoustic speech waves.
2. The encoding of speech signals in the human links of a speech communication system. General relations of speech wave structure to speech production and speech perception.

1400 - 1700. Session B.

Selected problems in speech analysis

3. The voice fundamental frequency. Tracking schemes. How to avoid errors.
4. Data on voice fundamental frequency distributions. Production and perception of pitch. Coding requirements in speech synthesis.
5. Formant tracking. Distributions. Physiological constraints. Perception. Coding requirements.

Friday, August 31

0900 - 1200. Session C.

Man-machine and machine-man speech communication

6. Phonetic and linguistic considerations in machine recognition of speech.
7. Review of existing systems for machine recognition of speech, phonetic analysis, contextual bias, restriction of inventory. Special purpose systems.
8. Techniques of speech synthesis. Choice of parameters. Synthesis by rule.

1400 - 1700. Session D.

Speech bandwidth compression. Vocoders

9. Methods of rating the performance of speech bandwidth compression systems.
10. Review of existing systems. Performance versus bit rate.
11. Review of existing and proposed systems. Predictions on future developments.

1900.

Subscribed dinner

Saturday, September 1

0900 - 1100. Demonstration sessions.

Participants are given the possibility to demonstrate tape-recordings of speech compression and speech synthesis systems.

1100 - 1300. Open house at the Speech Transmission Laboratory.

FINAL APPLICATION

for participation in the SPEECH COMMUNICATION SEMINAR
in Stockholm August 29 - September 1, 1962

Before April 20, 1962,
this form should be in
the hands of the
SPEECH TRANSMISSION
LABORATORY, Royal
Institute of Technology,
Stockholm 70, Sweden.

Please use typewriter
or BLOCK LETTERS!

Kindly fill in this
form in duplicate
and keep the copy.

Family name		First name		
Mr <input checked="" type="checkbox"/>	<i>Wiemer</i>	<i>Herbert and wife</i>		
Mrs <input type="checkbox"/>				
Miss <input type="checkbox"/>				
Professional status <i>Institute professor, M. S. T.</i>				
University or institution <i>M. S. T.</i>				
Address <i>Cambridge, Mass</i>		Country <i>U. S. A.</i>		
Accompanied by the following family member/s/ <i>wife</i>				
Binding application made for	Fee per person Dollars	Number of persons	Total fee Dollars	Remarks
1. Active membership	10	<i>1</i>	<i>10</i>	
2. Seminar Proceedings	5			
3. Subscribed dinner	2	<i>2</i>	<i>4</i>	
I intend to participate at the IVth ICA in Copenhagen yes <input type="checkbox"/> no <input checked="" type="checkbox"/>				
I will/have instruct/ed/ my bank to pay _____ date / 1962				
Sw.Cr. _____ or US Doll. _____ or the equivalence in my own currency				
to Cheque Account No. 09-10203-6, STOCKHOLMS ENSKILDA BANK, Stockholm, to be credited "Speech Communication Seminar", or I enclose in cheque <i>for \$14.00</i>				
Mail address after May 1st <i>Instituto Fisica Teorica Monte d'Alte mare Naples, Italy</i>		date / 1962		
		Signature		
Bureau remarks /not to be filled in/				

APPLICATION

for Accomodation and Tourist Program at the SPEECH COMMUNICATION SEMINAR
in Stockholm August 29 - September 1, 1962

Before April 20, 1962,
this form should be in
the hands of the
SPEECH TRANSMISSION
LABORATORY, Royal
Institute of Technology,
Stockholm 70, Sweden.

Please use typewriter
or BLOCK LETTERS!

Payment for accomod-
ation should be made
directly to the hotel
during the stay.
Meals and tips are
not included.

Hotel reservations
are binding unless
cancellation or
alteration is re-
ceived at least two
weeks before stated
date of arrival.

The fee for tourist
program should be
paid in Stockholm
after arrival.

Kindly fill in this
form in triplicate
and keep one copy.

Family name		First name	
Mr <input checked="" type="checkbox"/>	Wienus	Norbert and wife	
Mrs <input type="checkbox"/>			
Miss <input type="checkbox"/>			
Address <i>permanend</i> M. S. T. Cambridge 38, Mass. U.S.A. <i>Temp. addr.</i> Istituto di Fisica Teorica Monte d'Alfame, Naples, Italy.			
ACCOMODATION IN STOCKHOLM			
Please book accomodation in Stockholm for _____ person/s/ for _____ night/s/ as below:			
FIRST CLASS HOTEL		SECOND CLASS HOTEL	
most rooms have bath			
single room	single room		
25-40 Sw.Cr.	15-25 Sw.Cr.		
double room	double room	<i>with bath</i>	
40-80 Sw.Cr.	25-40 Sw.Cr.		
Arrival in Stockholm on		1962 by plane <input type="checkbox"/> train <input type="checkbox"/> car <input type="checkbox"/> boat <input type="checkbox"/>	
Departure from Stockholm on		1962 by plane <input type="checkbox"/> train <input type="checkbox"/> car <input type="checkbox"/> boat <input type="checkbox"/>	
Special wishes concerning accomodation		<i>old fashioned comp. Hotel</i>	
APPLICATION FOR TOURIST PROGRAM /not binding/			
	Date	Price	Number of persons
Sightseeing by bus /900-1200/	30,8	15 Sw.Cr.	
Old Town /1430-1700/	30,8	6 Sw.Cr.	
Handicraft /900-1200/	31,8	15 Sw.Cr.	
Mail address after May 1st		date / 1962	
<i>Istituto di Fisica Teorica, Monte d'Alfame, Naples, Italy</i>			
		Signature	
Bureau remarks /not to be filled in/			

P.O.Box 247

Lashburn, Saskatchewan, Canada

May 18, 1962

Secretary to Professor N. Wiener
Department of Mathematics
Massachusetts Institute of Technology
Cambridge 39, Mass.

Dear Miss Ritk:

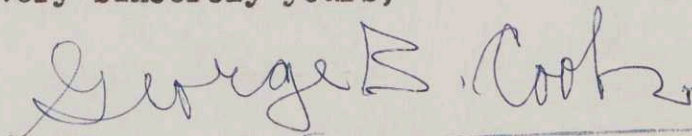
Thank you for the note sent to me by you dated April 23 about my student Patricia Hemsley. By the time that Dr. Wiener receives Pat's letter it will be too late to help her with her essay. However, if a letter has already been written I'm sure that she'll be delighted but otherwise it will be alright.

I am sorry that I am so long in answering you but I recently was elected to a position with the Saskatchewan Federation of Home and School and not having a secretary have been snowed under with work which is in addition to my teaching. I am Communications Chairman for this organization and as such may at a later date write to Dr. Wiener for advice re this field and automation.

A little later on I will write a letter to Dr. Wiener and let him know the results of this experiment with my students.

Again thank you very much.

Very sincerely yours,



George B. Cook

THE TUFTS ALUMNI FUND

May 18, 1962

Dear Classmate:

It seems to have been a long time since I have written a letter in regard to the Tufts Alumni Fund. This has been as planned. The intensive effort this year has been to raise funds for the Tufts University Program. However the Alumni Fund still must continue -- to provide for current operations.

Let us continue the habit we have - of giving yearly to this Fund, even tho this year's giving may only be of a token nature.

Truly yours,

Howard E. Cousins

Howard E. Cousins E'09

ROYAL INSTITUTE OF TECHNOLOGY

SPEECH TRANSMISSION LABORATORY

STOCKHOLM 70

SWEDEN

TELEPHONE: 23 65 20

CABLE ADDRESS: TECHNOLOGY

May 18, 1962
GF/SFi/285

June 18

Professor Norbert Wiener
Università di Napoli
Istituto di Fisica Teorica
Mostra d'Oltremare
Pad. 19
Napoli Italy

Dear Professor Wiener:

Many thanks for your letter of May 10. I very much appreciate your willingness to give an introductory talk to the Speech Communication Seminar in Stockholm on August 30. It is a great honor to us and very kind of you to take this time when you have other duties and undertakings in Stockholm. I certainly understand and respect the condition you made. A written contribution will not be expected from you. You have indeed published enough in your life-time.

The time at your disposal will be of the order of 45 minutes. If you can include some general thoughts on the theory of speech signal specification this will be fine especially if you can take into consideration that the audience are mostly communication engineers of a rather practical working type.

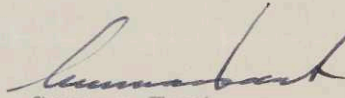
The challenge you made last time we met concerning the need to look for new mathematical principles of speech specification is exciting but outside my own capabilities to develop. You are probably overestimating my mathematical training. From your point of view I have dealt with rather simple tools. The concept of short time averaged time variable spectra as they appear from Visible Speech records has proved to be very powerful. Now and then we take resort to non-linear techniques such as specifying the rate of zero-crossings in the speech wave with or without various prefilterings. The spectral descriptions are of dominating importance. In order to allow simple and yet powerful approximations of measured data we use pole-zero matchings in terms of a few critical complex frequencies. This is referred to as analysis by synthesis and indeed it is possible to produce high quality synthetic speech from such analytic approximations.

If we were to adopt other mathematical tools of specification we would have to retain the technique of running time variable measures integrated of a finite short time of the order of

smaller than a speech sound. The short time autocorrelation function has been of less importance than the short time spectrum. Moment weighting techniques have only been used as a substitute for zero-crossing measures in accordance with the close relationship for random noise type of signals. Now if some new highly non-linear techniques are utilized for speech specifications I would guess that they might not complete with the present ones as far as maximally exact and economic approximations are concerned but could be more useful in instances when much of the signal information may be dispenses with and it is desired to extract a parameter that is closely related to a single specific linguistic or auditory phenomena. The success of any mathematical system of specification will depend on its auditory significance.

These thoughts which might sound naive from your point of view are intended to summarize the present strategies in speech signal analysis which you probably are rather well acquainted with at present. It is hoped that they might be of some use to you when considering new ideas for mathematical treatment of speech phenomena.

Yours sincerely,



Gunnar Fant



The PUBLIC SCHOOLS of SPRINGFIELD, MASSACHUSETTS

SPRINGFIELD TRADE HIGH SCHOOL

Edmond P. Garvey, Principal

1300 State Street

Dennis J. Brunton, Assistant Principal

Mrs. Teresina B. Thompson, Assistant Principal

6 Progress Avenue
Webster, Mass.

May 19, 1962

Professor Norbert Wiener, Ph.D., Sc.D.
Massachusetts Institute of Technology
Cambridge 39, Massachusetts

Dear Professor Wiener:

Thank you for the privilege of permitting me to know you better. I am grateful even though this privilege was granted to me without your knowledge and in a roundabout way; that is, by way of your book *Cybernetics* (with your personal signature) taken, not by chance, from a honored spot on my brother's bookshelf. He always speaks almost with reverence when speaking of you even when telling the classic story of the absent-minded professor told about you. Not to incriminate him alone I must confess that I, too, am doubly guilty: for telling the story and for not telling it as well as only he can. If this is the end of two friendships, one, mine, nipped in the bud and another, my brother's, almost life-long, at least he has enjoyed the privilege of having known you personally, which privilege (*par ma faute, tres grande faute*) will forever be denied me. I admired you from a distance in 1942 as a freshman at M. I. T., from September to November at which time I, too, was informed, by our uncle Sam, of the urgent needs of my talents: to wit, another rifleman, first squad, E Company 28th. Infantry Regiment. I do believe, however, that during this not-too-lengthy stay at the Institute your daughter was the only female member of our freshman physics class. Nor to my knowledge did I meet you personally or academically on my returning to M. I. T. in 1946.

I am even more grateful to you for the inspiration I gained in reading your book that is why I am mailing you a copy of my term paper. I would ask you not to gauge the degree of my inspiration by the rather crude (*futile is more appropriate*) attempt at perspective on my part; instead look for few glimmers of meat among the chaff, which are of an inspirational nature, and which should not be too difficult, for you, to find since they are your own words. If in reading the paper you would assume the old-professor attitude, you might be inclined to agree with Ted who said it is good; you know, old professors and brothers look at such things with a mellowed (I am not sure it isn't half-closed) eye.



Answered -

Prof. W, in Italy

The PUBLIC SCHOOLS of SPRINGFIELD, MASSACHUSETTS

SPRINGFIELD TRADE HIGH SCHOOL

Edmond P. Garvey, Principal

1300 State Street

Dennis J. Brunton, Assistant Principal

Mrs. Teresina B. Thompson, Assistant Principal - 2 -

Prof. Wiener re: Cybernetics

Nor yet would I ask you to doubt my inspiration by my amateurish scribblings in the book which I am sending to you under separate cover. Granted that this is not inspiration, rather it is sheer lunacy, on my part, to think that you will waste your precious time reading this let alone will you consider the request I am about to make. OK so I rooked my brother's friendship and cannot make the request on that basis. In the name of Mr. Bigelow, Dr. Rosenblueth, and the other distinguished scientists with whom you worked and are still working; better still in the name of Leibniz, Russell, and the other philosophers from whom you admittedly drew inspiration, please do grant this request because the need is extremely urgent: the Man, to whom I intend to give the book has not yet made the transition; to his credit he has set himself a deadline: he has -the Boy- a week in which to become a Man. I am absolutely convinced that some words of encouragement and inspiration, from you vast store of wisdom, will assure success to the Man, who can then progress (geometric ratio, please) much more rapidly to the excellent technician and worthwhile citizen the boy has proven on numerous occasions that he can be. I do not think you can refuse, I hope.

Back to Cybernetics, and begging your indulgence, Sir, just a bit longer, and to dissuade you from suing me plagiarism, of course I am not suggesting that a libel suit would have greater damages especially from a concern like Webster's New World Dictionary, permit me to quote their College Edition definition of cybernetics: "a science dealing with the comparative study of complex electronic calculating machines and the human nervous system in an attempt to explain the nature of the brain." One other example: (same source) resonance: "in electricity, the condition of adjustment of a circuit that allows the greatest flow of current of a certain frequency."

My request is: a simple, words of no more than three syllables, non-mathematical explanation of both cybernetics and resonance. Being a science instructor in electronics I know my ignorance is shamefully exposed, but what else can I do?

Respectfully yours,

Mitchell J. Walkowicz
Mitchell J. Walkowicz
Instructor, Electronics