

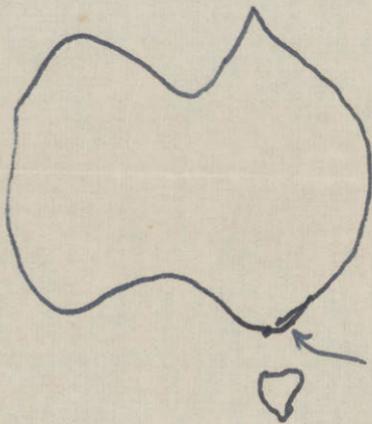
South Danvers, N.H.

July ~~August~~ 30, '28

Dear dad:

I don't know whether we have missed the date of your birthday but at any rate, best wishes! Everything is going first rate here — baby, Gretel, & all. We are delighted with the place. Many thanks!

The object of our thoughts at the present time is



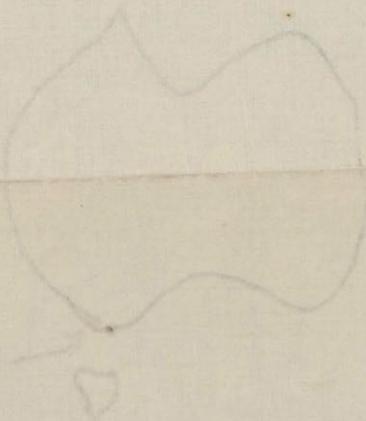
over

Gretel thinks something may
come of the Melbourne business.

Please come up in three
or four weeks, when everything is
fixed up!

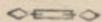
Love

Norbert.



Aucune inscription n'est admise du côté de la

CARTE POSTALE



Partie réservée à la Correspondance

17 août - S^t Gervais (H^{te} Savoie)

Mon cher Collègue, j'ai bien reçu
votre lettre du 24 juillet et aussitôt
écrit à l'« Agent General for Victoria »,
qui m'a accusé réception de votre
lettre. J'espère que vous obtiendrez votre
nomination à Melbourne - Est-ce
définitivement que vous pensez aller
en Australie? - Je vais partir dans
quelques jours pour Bologne.

Meilleurs souvenirs

P. Lévy

Réservée à l'e



L. Morand, phot.-édit. - Megève (Haute-Savoie)

Professor Norbert Wiener

Massachusetts Institute of
Technology

Cambridge (Mass)

Etats Unis



654. - Chemin de fer du MONT-BLANC.

La Rampe du Mont Lachat. - Le Glacier et l'Aiguille de Bionnassay (4061 m.).

Genova 24 IV 28



GABINETTO
DI
FISICA MATEMATICA

Chiarissimo Professore.

Sarei molto lieto che questo
mio Gabinetto possedesse i
suoi lavori. Posso pregarla
di inviarmeli? In questi momenti
interesserebbero specialmente quelli sul
calcolo funzionale. Se ha interesse
i miei lavori, sarei lieto di mandarglieli.

Ossequi

Dr. Prof. Paolo Stano
R. Università.



Chim. Professore N. Wiener

Massachusetts Institute
of Technology

Cambridge

U.S.A. Mass.

[ca Aug, 1928]

203 Graduate College
Princeton

Dear Wiener

I shall be in NY for the next
A.M.S. meeting (the week end after
this, isn't it?) Shall I see you
then? I shall be very glad to hear about
your new work.

About Melbourne: I have no further
information. Before I sailed I got
small acknowledgements, saying that my
letter would be "attached to your application",
but that is all I have heard so far.
The only other candidate I know
of is a man called Wilson, a pupil of

Dronner : still a good man, but
quite unknown in England. Of course,
you may have to reckon with a
certain nationalism, but it is
extremely unlikely that there will
be any Englishman in who ought
to have any chance against you

Yours sincerely
G. H. Hardy

TELEGRAMS: "YARRA ESTRAND, LONDON.
TELEPHONE: CITY 8656 (4 LINES.)

ALL COMMUNICATIONS
TO BE ADDRESSED TO
THE AGENT-GENERAL FOR VICTORIA.

N^o 3943



OFFICE OF THE
AGENT-GENERAL FOR VICTORIA,
(AUSTRALIA),

D/H
VICTORIA HOUSE,
MELBOURNE PLACE, STRAND,
LONDON, W.C. 2.

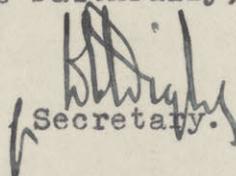
1st August, 1928.

Dear Sir,

I am directed by the Agent-General for Victoria to acknowledge the receipt of your application for appointment to the Chair of Mathematics at the University of Melbourne, and to inform you that same will be duly laid before the Advisory Committee for consideration. A testimonial in your favour from Professor William S. Franklin has been received and has been duly attached thereto.

I am to enclose a copy of the printed Conditions of Appointment which have just come to hand from Melbourne and should you desire to supplement your application in any way same will also be submitted to the Advisory Committee with your application should it be received here by the closing date namely 3rd September, 1928.

Yours faithfully,


Secretary.

Professor Norbert Wiener,
Assistant Professor of Mathematics,
The Massachusetts Institute of Technology,
Cambridge, Massachusetts, U.S.A.

The University of Melbourne.

Conditions of Appointment to the CHAIR of MATHEMATICS PURE and MIXED
(rendered vacant by the resignation of Professor J. H. Michell, F.R.S.), and information with regard to the work.

DUTIES.

The Professor will be required:

1. To devote the whole of his time to the work of his Department, including research.
2. To give instruction, conduct examinations, and exercise supervision over the work of the students, both undergraduate and graduate, in or in relation to such subjects as are from time to time set forth in the University Statutes and Regulations and are from time to time determined by the Council to be connected with the Chair of Mathematics Pure and Mixed. The extent to which such instruction shall be given or such examinations conducted or such supervision exercised may from time to time be finally and conclusively determined by the Council.

TENURE.

1. The Professor shall hold his office subject to the University Acts and the Statutes and Regulations of the University. The following sections of Statute V. "The Professors" are extracted for the information of candidates:—

3. The Professors shall not sit in Parliament nor become members of any political association neither shall they in any case give private instruction nor without the sanction of the Council deliver for fee or reward Lectures to persons not being Students of the University.

4. The Professors shall not receive any persons whether Students or not as boarders in their houses.

5. The Council may grant leave of absence to any Professor and may appoint a substitute or substitutes who shall be paid out of the salary of such Professor.

7. Except as otherwise provided in the case of any chair each Professor shall hold his office for life or until his resignation or removal or dismissal by the Council as hereinafter provided on the ground that he has become permanently incapacitated by age or infirmity or has become inefficient from causes other than age or infirmity or has misconducted himself.

9. The Council may in its discretion consider and determine whether any Professor has become permanently incapacitated by age or infirmity for performing the duties of his office provided that no decision affirming such permanent incapacity shall be valid unless carried by the vote of an absolute majority of the Council but if so carried it shall be final. Any Professor thus declared to be permanently incapacitated shall be removed from his office by the Council.

10. The Council may in its discretion consider whether there is reason for inquiry concerning the conduct or efficiency of any Professor and may appoint a time at which to hold such inquiry and may for the purpose of such inquiry call upon the Professorial Board or any officer of the University to investigate and report upon the conduct or efficiency of such Professor and

may call any member officer or servant of the University or other witness to give evidence before it provided that due notice of the nature of the inquiry and of the time appointed be given to the Professor concerned and that he be afforded opportunity of attending and of producing such statements and such evidence on his own behalf as may be relevant. After such inquiry the Council if it holds that any misconduct or inefficiency from causes other than age or infirmity has been proved against the Professor may censure suspend or dismiss such Professor provided that no such sentence of censure suspension or dismissal shall be valid unless carried by the vote of an absolute majority of the Council but if so carried it shall be final.

11. Notwithstanding anything to the contrary in any Statute or Regulation the Council shall have power to determine by an absolute majority a Professor's occupation of office without cause shown after he shall have attained the age of 60 years.

12. A Professor shall not without the permission of the Council engage in the practice of any profession nor in the conduct of any trade or business.

13. In case any Professor be temporarily incapacitated by sickness or other cause from performing the duties of his office to the satisfaction of the Council, the Council may appoint a substitute who shall receive at the discretion of the Council a sum not exceeding half the salary of the Professor so incapacitated during the time of such incapacity and this sum may be deducted from the salary of such Professor.

14. If in any case the Council appoint a substitute for any Professor with the rank of Acting-Professor such Acting-Professor shall during his term of office take the place of such Professor on the Professorial Board and on any Faculty or Faculties.

Should the Professor desire to resign his office, he shall give six months' notice of his intention, such notice to terminate on 31st December.

EMOLUMENTS.

1. The salary of the Professor will be £1100 per annum payable monthly.
2. The University will also provide £100 per annum to be utilised in part as a contribution to a Provident Fund established for the benefit of the staff and in part for the premium for an endowment assurance on the Professor's life as provided for in Clause 4.
3. In the event of the Council's providing the Professor with a residence in the University Grounds, the sum of £100 per annum will, in consideration thereof, be deducted from the salary of £1100.
4. Immediately after the Professor takes up duty the Council will, in the name of the University, purchase an endowment assurance on his life, the policy to be payable at the age of sixty, or at his death should that event occur previously, and the amount of the annual premium paid for such assurance will be the difference between the contribution to the Provident Fund and £100.
5. Should the Professor die in office, the policy moneys and all profits thereon will be paid over to his legal representatives.
6. Should the Professor resign his office before attaining the age of sixty, the policy may at the discretion of the Council be transferred to the Professor, or otherwise dealt with as the Council deems fit. If transferred to the Professor the University will not be responsible for the payment of further premiums.

[OVER

7. Should the Council terminate the Professor's tenure of office after the age of sixty, or should the Professor resign at that age, the policy moneys and all profits thereon will be paid to the Professor.

8. Should the Professor continue in office after attaining the age of sixty the Council will invest the policy moneys and all profits thereon in such manner as it deems fit, after consultation with the Professor, but no moneys will be paid to the Professor out of such investment while he remains in office.

9. All the interest of the Professor in the said policy and its proceeds is conditional on his not becoming bankrupt or insolvent, or assigning or encumbering or attempting to assign or encumber the same or any part thereof, or doing or suffering anything whereby the proceeds or any part thereof shall become payable to any other person or corporation. Should he attempt to assign or encumber, or become bankrupt or insolvent, or should he be dismissed from office under any power conferred on the Council or on the University, the policy moneys and all profits thereon shall be dealt with as the Council deems fit.

10. In the event of the Council's providing a house in the University Grounds, the Professor will be required to sign a form of lease, which provides that, the house being handed over to the Professor in good order and repair, the Professor shall be responsible for all internal repairs, the University for external painting and repairs, and for such other repairs as affect the stability of the structure.

11. A Provident Fund has been established for all whole-time officers. To this the University has contributed £20,000 at its initiation, and will pay each year $2\frac{1}{2}$ per cent. of the total paid in salaries. Each officer is required to join this Fund and to contribute a percentage of his salary annually. The percentage for a man of twenty five is 5.3 per cent., and for thirty-five it is 7.9 per cent. The benefits are substantial, and a copy of the Agreement will be furnished to the successful candidate. Copies may be inspected at the University or at the office of the Agent-General.

INFORMATION.

1. At present the Academic Year begins about the first week in March and ends before Christmas. It is divided into four terms, of which the first three are lecturing terms and the fourth an examination term. There are approximately 30 weeks of lectures with a minimum of 26 weeks. The Final (Honour) and Supplementary (Pass) Examinations are held at the end of February and the beginning of March.

2. The subject of Mathematics is taken in the Arts, Science, Engineering, Architecture, and Commerce Courses. The Professor is responsible for the whole of the University work in this subject. The Staff of the Mathematics Department, in addition to the Professor, consists of three senior lecturers and two tutors. The Professor, under the University Statutes, is not called on to conduct the Public Examinations for Schools. If he is appointed to this work he will receive special fees. The position is similar with regard to the University Extension Lectures.

3. Salary will begin on the 1st March, 1929, or as soon thereafter as the Professor takes up duty.

4. If the Professor appointed should come from Europe, £200 will be allowed for travelling expenses, and a cable will be sent informing him of his appointment. If he should be in Australasia, reasonable travelling expenses up to £50 will be allowed. The appointment will be made by the Council of the University, probably about the end of October.

5. Candidates must with their applications submit definite evidence of physical fitness, and any candidate whom the Council may propose to appoint must submit himself for examination, and be passed as physically fit by a physician appointed on behalf of the University.

6. Candidates should not be much over thirty-five years of age, nor under twenty-three.

7. The Council reserves to itself the right to fill the Chair by invitation, at any stage.

8. Copies of the latest Calendar of the University of Melbourne may be seen at the office of the Agent-General for Victoria, Strand, London, W.C., or at the principal Universities in Britain.

9. Applications for the vacant Chair, together with original or certified copies of the applicant's testimonials and photograph must, in the case of candidates resident in Australasia, be sent to the Registrar, the University, Melbourne, N. 3, Victoria, to reach him by 7th October, 1928; and in the case of candidates resident outside Australasia, to the Agent-General for Victoria, to reach him by 3rd September, 1928.

Eight copies of the application and testimonials should be furnished by each candidate.

J. P. BAINBRIDGE, Registrar.

20th June, 1928.

Göttingen, 2. Aug. 1928.

Lieber Herr Wiener,

Ihr Schreiben erreicht mich im Augenblick, da ich zu einer längeren Reise nach Russland zum Bahnhof fahren muss. Darum verzeihen Sie die Kürze!

Ich habe sofort an die angegebene Adresse nach London geschrieben und Sie auf's wärmste empfohlen.

Mit herzlichem Grüßen an Ihre Frau, Eltern und Geschwister

Ihr ergebener

M. Born.

Université de Poitiers

Smarves, par Ligugé (jusqu'au 1 octobre)
Poitiers, le 5 août 1928

FACULTÉ DES SCIENCES

MATHÉMATIQUES

Mon cher ami

J'ai terminé, il y a peu de jours, les examens en vue du Concours d'admission à l'École Normale Supérieure qui m'ont pris de la manière la plus impérieuse, sans me laisser une minute, depuis le 15 juin, où j'ai commencé à corriger les compositions écrites jusqu'au 25 juillet où s'est terminé l'oral.

C'est pourquoi j'étais en retard avec vous et n'avais pas encore répondu à la lettre que vous m'avez adressée vers juin. Je vous prie de m'en excuser.

Dès ce matin, après avoir lu votre lettre, j'ai adressé une note de 4 pages à l'adresse que vous m'indiquez en soulignant l'importance, pour le développement général des Math., des recher.

chez sur le Potentiel, en marquant les succès considérables des vôtres, en attirant l'attention sur votre notion mathématique de la capacité d'un ensemble fermé et sur le théorème de discrimination auquel elle vous a conduit. Je fais observer et je crois sincèrement que ce théorème est de ceux qui font la légitime célébrité d'un géomètre; que son importance peut être comparée à celle de la proposition de Picard sur les valeurs exceptionnelles des fonctions entières, ou à celle plus récente de Denjoy. Carleman sur les fonctions quasi-analytiques

J'ajoute qu'appelé à Craon par M. Zaremba (6, Rue Zytoria, Craon) j'ai eu l'occasion de vous rendre publiquement hommage, et que cela est d'ailleurs relaté dans la publication partielle de mon cours parue au tome IV des Annales de la Société Polonaise de Math., ainsi bien que dans le fascic. XI du Memorial.

Très heureux d'avoir trouvé cette occasion de faire connaître ma vive admiration pour vous, je vous souhaite, mon cher Wiener, les succès que vous mérités, en même temps que la santé pour vous, pour Madame Wiener, et pour votre petite Barbara, à laquelle nos enfants envoient leurs meilleures caresses.
Cordialement amicalement et affectueusement votre Bouligand

Postkarte

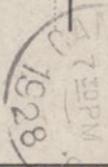


Professor Robert W. erickson,

Massachusetts Institute
of Technology -

Cambridge
Massachusetts
New Hampshire

U.S.A.



Verlagerecht der Frauengruppe Berlin des Kyffhäuserverbandes
der Kriegsbeschädigten und Kriegshinterbliebenen.

Berlin - Aug. 9.

Dear Wiener: Your letter
about Melbourne has just
come. I have written the desired
letter, and am glad to serve you,
tho' I am sorry if the service
must be in the direction of
sending you so far away.
We are having interesting times,
tho' home will look good next
month! With kind regards,
I am, Very sincerely yours,
Oliver D. Kellogg

Kroll & Straube, Berlin.



W. Witzke.
Bis. Friedmann.

Märkische Landschaft:

Am Liepnitzsee bei Bernau.

Mon cher collègue.

6 Août 1928

J'ai été heureux de témoigner par lettre,
aujourd'hui à l'agent général pour l'Alsace
la grande estime que j'ai pour vos
travaux. Je vous souhaite bonne chance
pour votre candidature et si vous êtes
nommé, je vous serais reconnaissant de
vouloir bien m'en avertir.

Voilà très dévotement

M. Fréchet 4 Rue Wencker
Strasbourg

Nom
et adresse
de l'expéditeur



M

CORRESPONDANCE

ADRESSE

Forward to
South Jamworth
New Hampshire

Professor N. Wiener
~~Massachusetts~~ Institute
of Technology
~~Cambridge, Mass.~~
Etats-Unis

POST CARD

Carte Postale

BRIEFKAART

POSTKAART

CARTOLINA POSTALE

ПОЧТОВАЯ КАРТКА



4 août 1928

Accusé de réception de votre lettre,
je m'empresse d'écrire à
l'adresse que vous me donnez
Votre dévoué

Wheeler

Forward to
South Jamworth
New Hampshire
Professor Norbert Wiener
Massachusetts Institute
of Technology
Cambridge Mass.
Etats Unis d'Amérique



296 — PARIS. Musée du Louvre. La Galerie d'Apollon. ND Phot.

Agent General für Victoria,

Victoria House, Melbourne Place, Strand W.C.2,

London.

Abchrift
nur gef. Kenntnahme!

Sehr geehrter Herr!

Herr Prof. Dr. Norbert Wiener vom Massachusetts Institute of Technology, Cambridge, bewirbt sich um einen Lehrstuhl für Mathematik in Melbourne und hat mich darum gebeten, Ihnen meine Meinung über seine Eignung zu schreiben.

Ich komme diesem Wunsche gern nach und kann sagen, dass ich die mathematischen Fähigkeiten von Herrn Wiener sehr hoch einschätze. Er vereinigt grosse Kenntnisse und originelle Kraft in der Analysis mit Verständnis für die Anwendungen, insbesondere auf moderne Physik in einem hohen Masse. Ich kann seine Ernennung daher entschieden empfehlen.

Prof. Dr. D. Hilbert.

PRINCETON UNIVERSITY
PRINCETON NEW JERSEY

Department of
MATHEMATICS

August 11, 1928

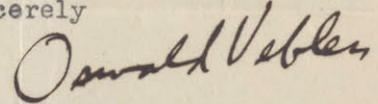
Professor Norbert Wiener
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dear Wiener:

I have just written a letter in support of your candidacy for the Melbourne Chair to the Agent General for Victoria. As I said in the letter I should be sorry to have you leave this country, but I hope you will get the appointment if you really want it. We are sailing on the 17th and expect to attend the Congress at Bologna.

With best greetings to Mrs. Wiener as well as yourself,

Yours sincerely



Oswald Veblen

OV/MM

28 Oakholme Rd

Sheffield

Aug 15th 1928

Dear Wiener

Altho' I have put the Sheffield address we are away in the country in Derbyshire about 20 miles out, and having a very pleasant time.

I have written to the Melbourne people about you & at the same time about my senior assistant who is applying. I don't know of course what kind of man they are looking for. These colonial posts often go in the end to 'favourite sons' in spite of the London committee so I shouldn't count on it much if I were you.

I must congratulate you on your family. You don't say if the 'family' is a son or a daughter.

I've noted the work you've been doing in the Quantum Theory & on Almost Periodic Functions. It's quite true I did some work myself but a chair in England involves a great deal of business which is done in America by the office.

yours sincerely

P. J. Daniell

I presume you are not going to Bologna. Certainly I am not but I wish I could have seen you when you were in this hemisphere

Zürich, Bolleystr. 52, d. 17. August 1928.

Lieber Herr Kollege,

Zunächst besten Dank für Ihre Mitteilung über die um Weihnachten geplante Sitzung der A.M.S. über Quantenmechanik in New York. Wenn ich auch bestimmt erwarte, daran teilnehmen zu können, so möchte ich definitive Zusage und Uebernahme eines bestimmten Referats doch verschieben, bis ich drüben bin.

Aber mit was für abenteuerlichen Plänen gehen Sie selber um? An den General Agent for Victoria habe ich sogleich geschrieben, obwohl ich nicht weiss, ob es zu Ihrem Wohle geschieht.

Mit den besten Grüssen von Haus zu Haus, sowie an
Franklins,

Ihr ergebener

H. Weyl



Professor Robert Wiener

Mass. Institute of Technology

Forward to Cambridge A. Mass

U. S. A

South Saworth
New Hampshire

p.t. ad. 10c
CAMPBRI
MASS
AUG 4 1928

4 August 1928.

I have yesterday received your letter telling me you are applying for a Chair in Melbourne. I should be very happy, if I could be of some help in the matter and I have just now sent a letter to the Agent General in Victoria.

With kindest regards to you and Mrs Wiener from us both

Yours sincerely

Rauls Bohr



Fynshavn

Aucune inscription n'est admise du côté de la Vue

CARTE POSTALE

Partie réservée à la Correspondance

St. Gingolph 18 août
Cher collègue

Je me suis fait un
plaisir d'advenir
à Londres par lettre
que vous desiries

Votre dévoué
C. de la Vallée-Bourcier

Réservée à l'Adresse

Professeur ~~Norbert Wiener~~

Massachusetts Institute of
Technology

Cambridge (Mass.)

Etats-Unis d'Amérique

L. Pauraz, édit. à Annemasse (Hte-Savoie)

10. - SAINT-GINGOLPH. — Lac Léman. - Arrivée du Bateau.



TELEGRAMS: "YARRA ESTRAND, LONDON.
TELEPHONE: CITY 8656 (4 LINES.)

ALL COMMUNICATIONS
TO BE ADDRESSED TO
THE AGENT-GENERAL FOR VICTORIA.

N^o 4467



OFFICE OF THE
AGENT-GENERAL FOR VICTORIA,
(AUSTRALIA),
VICTORIA HOUSE,
MELBOURNE PLACE, STRAND,
LONDON, W.C. 2.

AHW/H

24th August, 1928.

Dear Sir,

I am in receipt of your letter of the 23rd instant in support of the application of Professor N. Wiener for appointment to the Chair of Mathematics at the University of Melbourne, and have to inform you that same has been duly attached thereto for the information of the Advisory Committee.

Yours faithfully,

Acting Agent-General.

Professor Charles Manneback Sc.D.

27, Rue de la Tourelle,

BRUXELLES.

TELEGRAMS: "YARRA ESTRAND, LONDON."
TELEPHONE: CITY 8656 (4 LINES.)

ALL COMMUNICATIONS
TO BE ADDRESSED TO
THE AGENT-GENERAL FOR VICTORIA.

N^o 4533



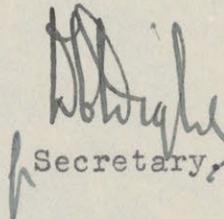
OFFICE OF THE
AGENT-GENERAL FOR VICTORIA,
(AUSTRALIA),
D/H **VICTORIA HOUSE,**
MELBOURNE PLACE, STRAND,
LONDON, W.C. 2.

28th August, 1928.

Dear Sir,

I am directed by the Agent-General for Victoria to acknowledge the receipt of your letter of the 17th instant, enclosing your photograph (two copies), and to state that same has been duly attached to your application.

Yours faithfully,


Secretary.

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

[ca. Sept, 1928]

203 Grad. Coll.

Princeton

Dear Wiener

I'm very sorry: I deceived you. I had forgotten that I had a ticket, several weeks ago, for the P-Conell Football game (I love these spectacles, it cost 4.00) That makes coming up to NY this weekend impossible (hopeless crush at the railway after the match, I imagine). So we must meet later.

Yours sincerely
G H Hardy

HOTEL BELLEVUE DRESDEN

R. Ronnefeld Vorstand u. Leiter.



Dear Dr. Wiener:

Am writing Agent for Victoria as requested

Hope you won't go.

+ friends

Regards to Mrs. W.

In haste
R. W. Tyler



Vergiß nicht Straße
und Hausnummer
anzugeben.

Dr. N. Wiener

M. I. T.

Cambridge Mass

· U. S. A

Copy

Cambridge, Mass.
September 4, 1928.

To the Agent General for Victoria
London, England.

Dear Sir,

I hear that Prof. Norbert Wiener from the Mass. Institute of Technology has sent his name as a candidate for the vacancy in mathematics at the University of Melbourne. I have met Prof. Wiener some years ago at my home University in Munich Germany, but I had occasion to make his closer acquaintance only this year when I was lecturing at the Harvard University in exchange with Prof. G. Birkhoff. Prof. Wiener is a man of great abilities and with many new ideas and I found very few people of his age in this country and also in England who can compete with him in the field of pure mathematics. The progress that has been made by Wiener in potential theory a chapter of Analysis that since 75 years has attracted the attention of the greatest mathematicians has already become classical though only a couple of years old. Prof. Wiener is moreover very interested in mathematical physics a subject to which only very few pure mathematicians are attracted to. This latter quality of his I consider as even more important as the first because mathematics are liable to become very dull and unattractive unless they are vivified by the study of natural philosophy. The greatest mathematicians of the last 1/2 century Poincaré, Hilbert, Klein Hadamard have always pointed at the im-

portance of problems of physics for the advance of pure mathematics.

Of course one ought not to take as mathematician a mathematical physicist, who is not acquainted with modern rigour in dealing with mathematical problems; but this is not to be feared in the case of Prof. Wiener.

If you had some more questions about Prof. Wiener I should be glad to give you the information. From the 20th of the present month my address will be Munich Germany: mathematisches Seminar, Universität.

Yours very sincerely,

fs:gs

G. Carathéodory

full Prof. of mathematics at the University of Munich.

BROWN UNIVERSITY
PROVIDENCE, RHODE ISLAND

Oct. 23, 1978.

Dear Wiener -

I am very glad that you treated F-ser. so successfully (by the way, what do you mean by "all Hardy's results"? Does it include also his solution of the general problem of C. summab. of F-ser.?) I am sorry however that you have not been so successful in sending me your reports, even the one which was announced to be sent under separate cover. Will you therefore send me the reprint of your summoliki paper

as well as the corrected
copy of your operational
calculus paper (as was
promised at Amstert)
and a reprint of your
London Proc. Paper - which
also has been provided.

Hoping that you will
be more successful in
this simpler part of
the problem I am

Sincerely
Haway

TELEGRAMS: "YARRA ESTRAND, LONDON."
TELEPHONE: CITY 8656 (4 LINES.)

ALL COMMUNICATIONS
TO BE ADDRESSED TO
THE AGENT-GENERAL FOR VICTORIA.

N^o 5561



D/H

OFFICE OF THE
AGENT-GENERAL FOR VICTORIA,
(AUSTRALIA),
VICTORIA HOUSE,
MELBOURNE PLACE, STRAND,
LONDON, W.C. 2.

30th October, 1928.

Dear Sir,

I am directed by the Agent-General for Victoria to acknowledge and thank you for your letter of the 17th instant, enclosing the sum of £2.9.8. for cost of typing copies of testimonials etc. in connection with your application for appointment to the Chair of Mathematics at the University of Melbourne, official receipt for which is attached hereto.

Yours faithfully,


Secretary.

Professor Norbert Wiener, B.A., M.A., Ph.D.
Massachusetts Institute of Technology,
Cambridge, Mass, U.S.A.

~~Herliche fröhe von~~ ^{deinem} 2. Lichtstein
für alle. ~~Herliche fröhe~~ ^{Herliche fröhe} H. L. Kuch

Many ask for you here. Greetings

Hope you are having as nice a meeting
at Amherst as we are having here.

m. c. Grant

Best regards!

~~Best regards!~~

M' étant beaucoup servi de vos travaux
je serai très heureux de faire votre
connaissance cette année à Cambridge
Florin Vasilescu

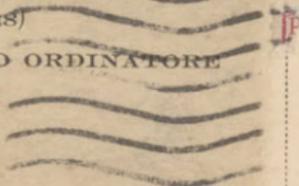
CONGRESSO INTERNAZIONALE DEI MATEMATICI

BOLOGNA (SETTEMBRE 1928)

COMMISSIONE ESECUTIVA DEL COMITATO ORDINATORE

INDIRIZZO:

ISTITUTO MATEMATICO DELLA R. UNIVERSITÀ
BOLOGNA (ITALIA)



U 2474

Professor Norbert Wiener
Mass. Institute of Technology

Cambridge, Mass

U. S. A.

I am here only temporarily supervising the filming of the Canary.

PARAMOUNT FAMOUS LASKY CORPORATION



November 6, 1928.

Dear Dr. Wiener:

It is very pleasant and gratifying to get a letter such as the one you took the trouble to write me; and it is equally gratifying that I have not altogether offended your ideas of the justice of things mathematical.

I know you would not expect me to say 'yes' or 'no' to your deductions in regard to the characters in The Bishop Murder Case. Your comments, however, are very interesting and shrewd.

I have written about mathematics con amore for it is a subject I have more or less specialized in and followed all my life.

What you say about physicists and mathematicians writing books is quite true as a general thing -- although in my library I have hundreds of volumes on all phases of this subject, and they represent practically all the men prominent in the physicist, mathematical and astronomical fields. The relativist and celestial mechanics books seem ~~to~~ almost innumerable. For the purposes of my story it was essential to have my characters write books rather than papers, although wherever possible -- as in the case of Arnesson, Millikan and de Broglie -- I use "papers" instead of books.

With my sincere thanks for your very kind letter and in the hope that the future installments of my story will not offend your scientific conscience, believe me

Yours very truly,

S. S. Van Dine

Dr. Norbert Wiener.



The University of Melbourne

IN REPLY PLEASE

QUOTE -/G No.

7081

Melbourne.

19th November, 1928.

N.3

Dear Sir,

I beg to thank you for your application for appointment to the Chair of Mathematics in this University, and to advise you that Dr. T. M. Cherry, of the University of Cambridge, has now been appointed to the position.

I return herewith your photograph.

Yours faithfully,

Assistant Registrar.

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

G. Y. Rainich 517 Linden Street Ann Arbor, Mich.

21 November 1928

My Dear Professor Wiener:

Your letter dated
November 15 reached me only ^(Monday) (the day before
yesterday; this together with the fact that
the Chairman of our Department is out of
town caused the delay in answering. I hope
my telegram in which I say that I will
come reached you in time.

I feel very much flattered by your
suggestion to lead the discussion on Weyl's
paper and by the kind words you used and
shall do my best not to disappoint you

Anticipating the pleasure of meeting you
again

very sincerely yours

G. Y. Rainich

Nov. 28, 1923.

Professor George D. Birkhoff:
Harvard University,
Cambridge, Mass.

My dear Professor Birkhoff:

We spoke informally some time ago about the possibility of securing an international research fellowship for Mr. Muckenhoupt. You told me that a direct letter of recommendation would be in order, so here it is. Will you please see that it gets into the proper hands?

Mr. Muckenhoupt is doing his thesis under me on the application of the theory of almost periodic functions to vibration problems in linear systems with infinitely many degrees of freedom. He has shown a very good ability to grasp the ideas in question and a tenacity of purpose in never letting a matter go until he is sure that he understands it, which augurs well for his future success as a mathematician.

He is a mature man, has traveled abroad before, and will not be guilty of the "gaucherie" in forcing himself on foreign scholars which some American students have shown. I do not believe that his pace will ever be exceedingly rapid, but I do believe that he will produce a steady volume of sound work for years to come. I am confident that the National Research Council (or whoever else disposes of the fellowships for which Mr. Muckenhoupt is applying) will find in him a man in every way up to the standard set for the incumbents of such fellowships.

Very sincerely yours,

NW:BCG

Norbert Wiener.

[ca Dec, 1928]

Graduate College
Princeton

Dear Wiener

I'm sorry you not even acknowledging your MS before, but you asked me to check it a bit, and it was some time before I could settle down to it. You will see that I have gone through it pretty carefully (though I don't profess to have verified everything).

It seemed to me that is the meritorious delay practically dishes the chance of getting it in the Jan number (there would be no time for printing and getting the proofs too, for), and as there is lots of time if it is to wait till the March number, I'd better send it back. I have quite a lot of suggestions.

Many of these are trivial, and I have taken the liberty of marking them on the MS in pencil — you can easily rub anything out: but many are merely to fit in with our usual conventions of printing ($\sqrt{2\pi}$, not $\sqrt{2}\pi$, $\frac{1}{2}\pi$ not $\frac{\pi}{2}$, etc, etc)

For points, not quite trivial, but secondary, see MS pages enclosed. The main point is about the conditions on m and n . I don't

find myself with any clear view (on
your inequalities with $m, n, p, r,$
and q are fearfully bewildering) : but-
if I put down my perplexities they
may help you to clear it up.

1) as you finally get it you
get the right result one way (the
'Mennan' direction) , but are out-
ly 1 the other (the 'Fejer' direction) .
Doesn't matter much no doubt, but-
it is an aesthetic blemish to exclude
Fejer's theorem itself :

2) I see no hope in Totokmarsh's
generalisations (For you would want
your $2/6$ or $5/2$ to be h with
 $h < 2$, and if it is this it is

h a periodic (as it is simply a
question of order at infinity) :

3) as you finally state your lemmas,
I don't say q shall be $+$, and
my first impulse was to say 'why
not take q nearly $-\frac{1}{2}$, as there would
still be a bit of a strip' : this
would give $p > r + \frac{1}{2}$

But then if you could do that, why

(I suppose, but
I don't remember
precisely under
what conditions the
Poincaré formula, etc
hold : of course, if
the particular theorem
you want survives
with a $p > 2$, that
changes the whole
situation & might
be the key to the
mystery)

3

not do the same in the other argument,
when you would again get $n > v + \frac{1}{2}$:
result false

4) then looking back at h & , I see
 $h < 0 < n-1 < v$. Here n is the
level $m+2$, isn't it ? : so as
 $m = 0$, $n = 2$, and the strip
apparently has to be > 1 in
breadth [η that is so , since the
point about $\eta > 0$ should be
made clear in the statement of the
lemma , shouldn't it ?] And if
 η is well > 0 , I see no hope for
improvement .

In that case the puzzle remains , why
more success one way than the
other : but of course that may just
be the peculiarity of the method

However , even if there really is
nothing doing here , there are a sufficient
of smaller points to make it worth
while to send the MS back to you .

Will you send it direct to
F.P. White , St John's College , Cambridge ,
England : _____

He knows it is coming.

he is the editor now. Any time in the next month will ensure its appearance in the March number (as long as you can keep it down to about 8 pages of print - it is just about that now).

It is of course just rate analysis with a real kick in it - quite unlike Gaylord C. Merriman! and you can see that I appreciate it by the amount I've borrowed over it. I should like to see the limit get closer, but of course that is quite a minor point.

By the way you 'the' quantity m is obviously 0 is a bit small on p 10. All very well when Q is the first function. But when it is the second you want to know the asymptotic behavior of K' for large q : a form of type

$$\frac{A}{y} + \frac{B \cos(x+C)}{y^{1+\mu}} + \text{higher powers}$$

Yours sincerely
G. H. Hardy

My last name
and of March.
Funds Taylor, etc
But I am returning
and might manage
see Howard, etc.

You coming to Boston is
I have only just time
to get out. W. of the
Princeton. You about a
I should be extremely
not.

after the AMJ meeting at the
end of January.
in April,

Notes

v/h.1. I have marked a few misprints

You refer to 2 lectures of ours, but not to the essential one!

'Set' of the Cesàro summ' prob. for power series & Fourier series', Math. Zetschrift, 19 (1924), 67-96.

v/h.2.3. The proof would be easier to follow if you stated the cardinal result as a def. lemma

F and Q are subject to the restrictions of Lemma 1, and

Lemma 2 $\int_0^{\infty} \lambda^{1-n} P(\lambda) d\lambda$ is absolutely conv, then

$$\int_0^{\infty} \lambda P(\lambda) d\lambda \int_B f(\lambda) Q(\lambda) d\lambda = \int_B f(\lambda) d\lambda \int_0^{\infty} \lambda P(\lambda) Q(\lambda) d\lambda$$

h4 top Argument clearer if you put in a sentence

But $\lim_{N \rightarrow \infty} \left(\lambda(N) N^n \int_0^{\infty} \lambda P(\lambda) Q(\lambda N) d\lambda \right)$

$$= \lim_{N \rightarrow \infty} \left(\lambda(N) \int_0^{\infty} \lambda^{1-n} P(\lambda) \cdot (\lambda N)^n Q(\lambda N) d\lambda \right) = L \lambda(\infty) \int_0^{\infty} \lambda^{1-n} P(\lambda) d\lambda$$

- took me quite a time to see it.

✓ h. 4 bottom The argument is very condensed

? with

$$M \int \dots = \dots = \lim_{A \rightarrow 0} \int_0^{\infty} \Phi(\lambda) d\lambda \int_B f(x) Q(\lambda, x) dx$$

$$= \lim_{A \rightarrow 0} \int_B f(x) dx \int_0^{\infty} \lambda \Phi(\lambda) Q(\lambda, x) dx = \int_B f(x) K(x) dx$$

h

lim
A → 0

✓ h. 4 l. 4 why 'Stieltjes \int '? He is ordinary \int ,
unit it?

Why not make the attached part a formal theorem also — it is well worth it?

✓ h. 6. I think $\int_{A \rightarrow \infty}$ requires a word of explanation

(more especially as you seem to use a new form every time you write — used to be $\int_{i.m.}$, didn't it?)

✓ h. 7 27 I think my pencil insertion is necessary

✓ h. 6. Is 'the Parseval - Plancher theorem' correct? What I shd call that is

$$(\text{product of 2 functions}) = \int (\text{product of transforms})$$

What you use is

product of 2 functions = 'Faltung' of transforms, unit it? Closely connected but hardly the same, is it?

v 17. You have an anal. f^n of which 3
 you assume a) it is 0(1) in the
 strip 1) \int μ^2 summable on each
 line of the strip. Would it not be
 simpler (or equally effective for your
 purpose) to assume

c) μ^2 \int μ^2 summable on lines of
 the strip?

I think c). a) [and] I fancy this
 occurs somewhere in Hardy - Littlewood - Polya,
 R. S. Proc., last year: unfortunately I
 haven't a copy here, and it is too cold
 to go out for a 20 minute walk to the
 library to see just what we proved]

The English of the sentence with a
 penic mark down the side has gone
 all to pieces [If what I say above
 is true, you modified the condition as
 suggested, wouldn't the need for this
 sentence go?]

NO: confusion of mine, I fancy (it
 is true that

$$\int e^{-2ax} f(x) dx \text{ unil. cgt in an } a \text{ range}$$

$$\sup \int e^{-ax} f(x) dx$$

but only in virtue of the argument (in use)]

✓ But the sentence is impossible.

? After $\int (\xi) e^{-\xi(w_0-1)}$ insert 'c', which is therefore also quadr summable. Then, below

c Since

$$\int_0^A | \dots | \dots \leq \dots$$

where m_1 is a number of the strip less than m_0 , we see that

h.p. The -1 and n-2 are surely wrong, aren't they? You use 0 and n-1 below.

✓ In lemma II the condition

$$\int_0^\infty Q(n) dn = \int_0^\infty h(n) dn$$

is at first most juggling - you have here mentioned it before and at first I simply couldn't understand it. It is of course just

$$\int_0^\infty \Phi(\lambda) d\lambda = 1$$

Since

$$\int_0^\infty h(n) dn = \int_0^\infty dn \int_0^\infty \lambda \Phi(\lambda) Q(\lambda n) d\lambda = \int_0^\infty \Phi(\lambda) d\lambda \int_0^\infty Q(\lambda n) d\lambda$$

But surely some explanation should be given.

✓ h.g. Surely $m+1-\eta < R(m) < \eta$ should be

$$-m-1-\eta < R(m) < \eta \quad (\text{twice}) \quad \text{shdn't it?}$$

✓ p. 10-11. Why not say simply
 It is easy to see, from the known asymptotic
 properties of the Gamma function, that-

$$\left| \frac{\sigma_n(m)}{z_n(m)} \right| \sim \dots$$

You could save the best part of a page
 & the calculations are pure routine [and if
 you begin doubting the result, its just as
 much trouble to verify it with as without your
 indications - as I found!]]

For the rest see letter

✓
 end you haven't (I don't profess to have)
 proved what you say (in fact the
 inference $m \rightarrow m+1$ is rather one way!)

Another small point. The transition from
 the p, z of the lemmas & the z, G
 of the final pages is very worrying.

Professor Norbert Wiener,
224 Pleasant Street,
Arlington, Mass.

Kære Professor Norbert Wiener,

Tillad mig til min Hustrus Lykönskning i Anledning af Deres Datter Barbaras Födsel at föje min egen stærkt forsinkede Lykönskning og dertil de bedste Önsker om et lykkeligt Nytaar for Dem og Deres Frue. Vi glædede os over Deres Besög her i Danmark, og vi glæder os over, af Deres Brev at se, at De ikke har glemt vort Sprog.

For at give Udtryk for, at vi sætter Pris paa at bevare Deres Anknytning til de skandinaviske Lande vil Redaktionen af Acta mathematica ved disse Linier indbyde dem til at publicere et af Deres kommende matematiske Arbejder i vort Tidsskrift.

Med venlig Hilsen til Dem og Deres Frue.

Deres hengivne

H. E. Nörlund

Ann Arbor, Dec. 16 '28

Dear Professor Wiener,

I feel very ashamed, that I didn't answer your letter with the kind invitation to come to the New-York meeting for the Symposium on quantum mechanics. Your letter came during the very busy summer session here, so that I always postponed the answer, till a letter of Prof. Slater reminded me. I hope, you will forgive me. As you probably already know, will I be very glad to come.

I only don't know, what exactly I have to do. On the program is announced that Prof. Robertson and I will open the discussion after your paper. Is this literally meant so?

In that case, I would be very glad, when you could perhaps send me a copy of your paper, so that I could study it now. Or is the plan, that I give a very short talk on ~~a~~ something connected with statistics, but independent of your paper. I will be very glad to do this, and I suggested already to Prof. Slater some subjects (a the kinetic method in statistical mechanics or b the interpretation of the different statistics by quantum mechanics), only I fear, that when everybody does this, there will be very little time left for a real discussion.

But as I said, I like very much to come, and will be glad to follow any plan.

Hoping, that I do not bother you too much with it, I remain,

Yours sincerely

George E. Uhlenbeck

AMERICAN MATHEMATICAL SOCIETY
501 WEST 116TH STREET
NEW YORK CITY

R. G. D. RICHARDSON
SECRETARY

BROWN UNIVERSITY
PROVIDENCE, R. I.

December 22, 1928.

Professor N. Wiener,
Mass. Inst. of Technology,
Cambridge, Mass.

Dear Professor Wiener:

I take pleasure in sending you the enclosed memorandum and inviting you to be one of the persons to follow Professor Weyl and to lead the discussion on the afternoon of March 30. I believe it is not necessary for me to point out the great importance of this meeting from the standpoint of the analyst.

Hoping to receive, at your early convenience, a favorable reply to this invitation, I am

Sincerely yours,

R. G. D. Richardson
Secretary.

RGDR:B

30 décembre 1928

Cher Monsieur,

Nous sommes venus passer quelques jours
dans la montagne, et c'est de là que je
vous remercie de vos bons souhaits et
vous envoie les notes pour 1929

Avec mes meilleurs souvenirs

P. Lévy



Photo A. Mollaret Grenoble

Monsieur Norbert Wiener

224 Pleasant Street

Arlington

(near Cambridge) Massachusetts

Etats Unis

LES PLUS BEAUX SITES DU DAUPHINÉ



VILLARD-de-LANS - Sports d'hiver - A.M.

Leipzig. d. 27. 12. 28

Liebe Norbet.

Herzlichen Dank für die
prechtvolle Photographie!
Deine Frau sieht ganz
famos aus, — der neue der
Zweig der Familie ist
ganz der Vater. Die Stimmung
in Arlington ist gewiß jetzt
ganz anders wie damals
in Leipzig im Hospiz
So soll es sein, so soll
es bleiben! Herzliche
Grüße an alle Wiener
in drei Generationen
von uns beiden.
Gellars
Den 2. 2.



Leipzig
Königliche Theater
Königliche Oper

Herrn Professor

D. N. Wiener

224 Pleasant Str.

Arlington, Mass.

H. Lichtenstein
Leipzig
Sofigörsdenstr.?



Was unsicht
deine Matheprobe! Du
schickst uns deine Arbeiten
gar nicht mehr!

Fröhliche
Weihnachten

MEMORANDUM

The Symposium on Analysis Situs at the April 1928 meeting in New York met with such hearty commendation that the secretary has associated with himself a couple of others as a Committee on Program to plan for a similar symposium in Analysis for the spring of 1929. This meeting will take place on Friday and Saturday, March 29-30 and the high standard of last year bids fair to be equalled. As last year, it is proposed that both afternoons be set aside for the special topics.

Professors G. H. Hardy and H. Weyl have kindly consented to present addresses on Modern Work in the Theory of Ordinary Trigonometric Series, and on Fourier Series and Almost Periodic Functions from the Standpoint of the Theory of Groups, respectively. Professor Birkhoff will be asked to preside.

These two addresses will doubtless prove important events in the history of the Society. It is proposed to ask a few people to lead the discussion after each address, and it is felt that for the success of the occasion the discussion will play as important a part as the addresses themselves. It is therefore desirable that the most prominent contributors to these topics in this country take an active part in the discussion. The addresses themselves will each occupy from three-quarters of an hour to an hour and the other speakers will be allotted ten or twelve minutes each. It is hoped that there will be opportunity also for some persons not especially invited to participate in the discussion.

If the program can be carried out as planned, the participation of men who are leaders of research in Analysis will create an atmosphere which should prove a great stimulus to the development of this branch of mathematics in America.

December, 1928

R. G. D. Richardson,
Secretary.