Sub: Shepman

Sir,

I feel -

and I appreciate you thinking
her down in the Chemistry tower.

I've already helped somebody
of chance; and a picture.

En-closed the curriculum notes,

P.S. 15th 96

Dean Besor.
From his come of three years ago.

Dear Professor Koren:

Amherst, MA 01002
26 Brookside Court

Prof. Israel Koren

July 14, 1997

RUTH & KURTZ
604-939-4567

LAURA & ASHONITZ
804-939-3570

NEW YORK, NEW YORK 10020-1030

12 Rockefeller Plaza

COUNSELLORS AT LAW

STAPFER & VAN DOREN
The purpose of writing you is not only to thank you for

writing the following lines:

Among the forthcoming issues of the 1996 International Symposium on Defect and Fault Tolerance in VLSI Systems for deselecting it to charge

the semiconductor work on negative binomial distribution, (b) the deterministic statistical yield models for SRAMs and DRAMS productivity optimization, and (c) the semiconductor

work on negative binomial distribution. This work has been carried out as part of the research program.

I thank you for the dedication of your time and energy, and especially for your thoughts

that can be disciplined to those who attended.

I can do it in a form that can be disciplined to those who attended.

I would also like to thank you for your thoughts on sending Elliot Dripp, 1996. I would also like to thank you for

your thoughts. I am sure that he can comprehend its meaning.

In behalf of Elliot, and also for whose comments

I am grateful, I can understand, appreciate and be deeply moved.

Moreover, when I see that 6 out of 12 authors for

the proceedings are in academia and industry from around the

world persuaded me that this scientific work had an importance far

beyond the boundaries of Vermont and IBM circuits. All of us who

handwritten comments of so many of his scientific colleagues.

Moreover, when I see that 6 out of 12 authors for

the proceedings are in academia and industry from around the

world persuaded me that this scientific work had an importance far

beyond the boundaries of Vermont and IBM circuits. All of us who

handwritten comments of so many of his scientific colleagues.

Sincerely,

Erik J. Stepper

cc: Mrs. Ellen Stepper

July 14, 1997

Profs. Israel Koren

STAPFER G. VAN DOREN
CC: Miss. Ellen Shaper  
E-mail: korencellerafrica@mass.edu  
FAX: (413) 545-1993  
TEL: (413) 545-2643

Professor  
Israel Koren

Sincerely,

1997

permission to read parts of your letter in the next meeting. DPT.97 in October 20.22.

What I would like to do, following your wish to thank for the dedication is, with your

and other members of the organizing committee.

overwhelmingly welcomed and approved by the general co-chair, the program co-chairs

overwhelmed to dedicate the proceedings of DPT.96 to Charlie was

process. Thus, my proposal to dedicate the proceedings of DPT.96 to Charlie was

scientific community, by the participants in the DPT meetings to report on Charlie's

In the last few years I was frequently asked, so one of Charlie's closest friends in this

continuous cooperation with unfortunately didn't materialize.

co-author several scientific papers with him. The two of us were looking forward to a

as a privilege always known Charlie and having the opportunity to work with him and

It was very nice of you to write your letter of July 14, 1997. I will always consider it

Dear Mr. Shaper,

New York, NY 10020-1903
10 Rockefeller Plaza

Erik J. Shaper

July 17, 1997
Sincerely,

[Signature]

cc: Mrs. P. Stapper

DJS/95

---

July 23' 1997

NEW YORK, NEW YORK 10020-1903
10 Rockefeller Plaza
Counsellors At Law
STAPFER & VAN DOREN

Dear Professor Koren:

Amherst, MA 01003-5110
Box 35110
Computer Engineering
Department of Electrical and
College of Engineering
University of Massachusetts

Prof. Israel Koren

Ruth G. Kurtz
of Counsel
Linda L. Sosnowitz
David L. Lee
A. Reading Van Doren, Jr.
Eric J. Stupper
Interests and concerns.

opportunity to get together and discuss their common
working on the different aspects of this field had the

meeting in 1987. This was a key reason for the extreme success of this

papers and present them. This event prompted

entrepreneurs from the semiconductor industry to contribute
eight after we returned from Oxford I asked Charlie

right after we returned from Oxford. I asked Charlie

about his colleagues and is always willing to help.

a great scientist but a outstanding human being who cares

when I met him personally. I realized that he is not only a

time and effort needed to publish papers.

important ideas and concepts and was ready to put the extra

limited direct benefit to them.

or do it once or twice and then stop since there is very

most entrepreneurs in industry will either avoid this altogether

more resistances and then wait for at least a year before the

writing manuscripts, having to argue

very few scientists and entrepreneurs in the industry will go

the industry.

This is a remarkable achievement for somebody working in

published more than 50 technical papers.

one can reach through courses. Therefore, the writer and

he also knew that there is a limit to the size of audience

mathematics conference. About which we will hear more

active in the board of directors of the Vermont state

was a devoted educator whose goal was to spread knowledge.

Although Charlie always worked on this content of his papers,

to fully understand the technical content of this paper

character in an apparent effort to make it easier for readers

not only did his papers say some of the fundamental

statistics you couldn't avoid reading Charlie's papers.

If you wanted to become knowledgeable in the field of VLSI

By then I have already heard about Charlie's and read many of

England, and we became friends right away.

I have first met Charlie in 1986 in a conference in Oxford.
saying this is a major loss to our community. They all expressed their deep sorrow. And many people who regularly attend our annual meeting and who knew

In the last couple of days, I have been contacted by many

and fault tolerance in VDTI systems to charters. Stephen R. A. Smith was approved right away and he was sent a letter on May 10th.

In conclusion, I would like to thank our colleagues. I hope that I will see you all again in the future.

The number of candidates have to be nominated twice or more before being recommended for the fellowship. The competition is tough and many excellent candidates are approved. Since very few candidates are approved for outstanding contributions to science and engineering.

In 1991, I nominated candidates to become a fellow of the IEEE. In 1992, I nominated more candidates who were then published in three technical papers which were then adopted as members to the IEEE. In 1993, I led to several important scientific discoveries. As a result, the research went well. I was successful in the project.

We co-authored two papers and then he was successful at the conference. In 1994, we continued to work together and attended another conference together.

On April 21, 1995, a special issue of the IEEE Transactions on EE was published. Since the papers were published, several times to send in their reviews on time and timely reviewing. Several manuscripts were submitted. The reviews were read carefully. All the reviews were made up spending a few hours of the hard work and many hours he ended up spending.

I have suggested to him to join me in editing a special issue of the very prestigious journals. I have decided. I have decided that the IEEE has decided.
and we are looking forward to seeing him again some day.

Healing to recover with the help of his loving wife, Ellen. We wish him a complete recovery.

Chairman of the 1988 workshop and served on the program committees every year.

Since 1988, he served on the steering committees since 1988. He was the
Full-Tolerance in VLSI Systems. He served on the steering committees and the
1991 IEEE Reliability and Maintainability Symposium

P.K. Meher AWARD for Best Paper at the 1991 Reliability and Maintainability Symposium

Charles Stepper has published more than fifty papers and is the principal author of papers

Mathematically speaking.

Applications (IEEITA), and a member of the board of directors of the Vermont State

VISTI Circuits. He is also an editor for the Journal of Electronic Testing: Theory and

Fellow in recognition of his pioneering work in the science of defects and Fault Tolerance in

Teaching graduate courses at the University of Vermont, a year previous, he became an IEEE

In 1993, he retired from IBM and became an independent industrial consultant in addition to

Research today.

Microprocessor chips. These models remain the definitive yield models used in industry and

chip manufacture, and for planning the production of gate arrays, logic chips and

DRIAMs with redundancy and error-correcting codes. The planning and controlling of memory

stabilized yield models in 1977. He started them for planar technology optimization of standard

and $I^B$ in 1978, whose work deals with memories and memory components. After developing a set of

Charles Stepper received his B.S. and M.S. in Electrical Engineering from MIT in 1969 and

Charles Stepper received his B.S. and M.S. in Electrical Engineering from MIT in 1969 and

Foundation for most of the currently used yield parameter and estimation techniques.

The development of yield models based on the negative binomial distribution. Like the

the development of yield models based on the negative binomial distribution. Like the

Charles Stepper's seminal work on

The Proceedings of the 1996 Symposium on Defect and Fault Tolerance in VLSI Systems are:
Dear Mark,

I can't speak for Jim, but I think it's a good idea to consider the funding status of the project before we decide. If the funding is in place, we can proceed with the plans. Otherwise, we may need to adjust our approach.

Sincerely,

[Signature]

Ruth G. Kurtz
Of Counsel
Linda. I. Goodman
David S. Lee
A. Reading Van Doren, Jr.
Erik J. Stapper

New York, New York 10020-1903
10 Rockefeller Plaza
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