

Cecil Hotel, Simla.
June, 7, '47.

*Replied
11/6/47.*
My dear Dr. Krishnan,

I wonder if you are still in India. If so, I should be glad if you would kindly let me know your address for the next 5 or 6 weeks. For, I should be grateful if you would agree to have a look at a paper I have written. If you approve of it and think it worthy of it, I should like to have it sent for publication to the Proceedings of the Royal Society.

The title of the paper is "The Geometry of Extra-ordinary Refraction". In it I have worked out a formula connecting the angles of incidence and refraction for the extra-ordinary ray in ~~at~~ a uni-axial crystal, the axis lying in the plane of incidence but inclined at any angle to the refracting surface. I have not come across this general case in any text book or anywhere else. If, however, you are aware of it having been dealt with anywhere already, then, of course, my investigation becomes useless and don't need publication. I don't suppose the results are of any importance, but they are certainly interesting from the point of view of crystal optics, and have a practical value for calculating the direction of the extra-ordinary ray in any case when the axis lies in the plane of incidence.

On hearing from you that you will have time (and the inclination) to look through my paper, I shall send you the paper which in its final form I have still to type. This may take a little time and also due to the disturbed state of the country the post is also rather uncertain. That's why I have asked you to let me have your address for the next 5 or 6 weeks.

Due to disturbances in the Punjab, the Colleges and the University closed for the summer vacation a month earlier than usual, from the 1st. June to the 8th. September. I expect to stay here all the time.

Trusting this finds you in the best of health and spirits and with all good wishes,

Yours sincerely,

J. B. Sethi

Cecil Hotel, Simla,
Oct. 10th 1947.

My dear Dr. Krishnan

May I request that you may make
a little time now to look at my paper & kindly
tell me if you think it worth ~~being~~ being sent
for publication in the P.R.S. . If not some
other journals it will have to be sent to.

Kichlu tells me he has reminded
you about it several times but you evidently
are unable to find time to look at it.
I expect you must be very busy indeed
but all the same perhaps you will be able to
spare a half hour or so for the paper.

Please reply by air mail. Kichlu's
airmail letters take 6 days & so ordinary letters
may never get here. Also I should be glad

- If you could tell me what to say to Dr. Bhandari
about what I wrote. Perhaps, that he had
better give up the idea of N. P. L.

With kindest regards, hoping
you are in good health & good
spirits,

Yours sincerely

J. B. Solih

Revised
uon.

Physics Department,
Government College,
Lahore.

No. 614-P.

Dated. 4/3/47

My dear Dr. Krishnan,

Many thanks for your letter of the 27th February from Allahabad. I was also in due receipt of the previous registered letter enclosing the question paper. I am sorry I was so remiss as not to acknowledge its receipt immediately. But since the letter was acknowledgement due, I thought you will have learnt that the paper had reached safely.

The question paper was very nice indeed. But I felt I must make a few changes. Six of your ten questions remain as they were. To one I have added a small numerical addendum and three have been replaced by entirely new questions. The paper was sent on to the Registrar Examinations a few days ago. He may send it to you for your signature although in face of your previous letter and the paper as set by you in your own hand, both of which were attached to the final paper, your signature may not have been considered necessary.

Hope this find you in the best of health and spirits. I should be glad if you would let me know your programme for the summer vacations. Where do you think will you be about the end of June?

With best wishes,

Yours sincerely,

Sir K.S. Krishnan, D.Sc., F.R.S.,
Professor of Physics,
University of Allahabad,
Allahabad.

J. B. Saha