AIR MAIL

3rd March, 1967

Dr.Lyman Spitzer, Jr.,
Princeton University Observatory,
Peyton Hall,
PRINCETON N.J. 08540
U.S.A.

Dear Dr.Spitzer,

Thank you for your letter. You are quite correct on the value of $\zeta$. On page 81, fifth line from the bottom, the text should read "taking $2\zeta$ to be 0.16". The units of X in the diagrams also need correcting. In Figure 2(a), multiply X by $10^{11}$ and in 2 (b,c,d,e,) by $10^{12}$. I will get these corrections published in Ap.J.

Hamilton has been away at Parkes making observations at 150 Mc/s. During 1967 we expect to complete the analysis of the distribution of ionised hydrogen using the observations at 2.1, 4.8, 9.6 and 150 Mc/s for declinations $-10^{o}$ to $-70^{o}$. As well, we are building two new telescopes for wave frequencies 15 to 45 Mc/s and 5 to 15 Mc/s respectively, with angular resolution 20' to 60', for source and background spectral observations.

You may be interested in the enclosed preprint on solar radio astronomy. It seems there may be an entertaining possibility of making routine observations of magnetic fields in the solar corona.

With kind regards,

Yours sincerely,

C.R.A.ELLIS
PROFESSOR OF PHYSICS

Enc.