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21 June 1984

Dear Arich,

Thank you for sending me the two preprints of your work on jets dominated by magnetic pressure. I am most impressed at the apparent harmony with the data on NGC 6251 (except for the extensive B_{\perp} regions in the outer jet). I have not yet had time to work through the details of the first paper properly, but look forward to doing so and to discussing your ideas further at the workshop in Green Bank. We will be delighted for you to present the conclusions of your work at this meeting - I would think either Jean Eilek's or Greg Berford's session would be best.

Two comments from my first reading - 1) how reasonable is the Gaussian particle distribution if the departure from axisymmetry in the field is large enough to see? 2) PBW (their p. 332) were less definite about the pinching mode than your p. 27 implies - we said the mode might be relevant, then went on to point out exactly the same difficulty (coupling to the transverse oscillation) that you do.

Best wishes, and I look forward to seeing you at Green Bank

A.B.

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May 29, 1984

Dear Alan;

I am enclosing a copy of my paper with Ansh Choudhuri on force-free equilibria of magnetized jets, with an application to NGC 6251. This work was motivated by your extensive and comprehensive study of this source with Perley and Willis. Naturally, we would be very interested in your comments, suggestions, and criticism. I am also enclosing a copy of a related work on the polarization P.A. swings in BL Lac objects, which we feel strengthens the argument in favor of nonsymmetric field configurations.

I was glad to learn about the workshop on energy transport that you organize with Jean Eilek. I hope to attend it and present some of the ideas that we discussed in these papers and in ongoing work.

I look forward to hearing from you

best regards,
Anish