

## ***Interactive comment on “Radar observations of meteor trails, and their interpretation using Fresnel holography: a new tool in meteor science” by W. G. Elford***

### **Anonymous Referee #1**

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This is an interesting paper describing the Fresnel Transform technique and its rewarding application to meteor echo data. The author has presented the basic idea and certain details of this method in sufficient clarity. Several examples are presented illustrating the sensitivity of the technique in deriving the kinematical parameters for different meteor-components.

I recommend publication of this paper after minor revision as suggested below (some of which were suggested in my quick-response).

- 1) In the 9th line of the introduction: "measure-ments"; the hyphen is unnecessary.
- 2) Giving all the minor steps in the derivation of eq (5) seems unnecessary, and hence

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that part of section 2 (on page 2) can be shortened considerably.

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Interactive comment on Atmos. Chem. Phys. Discuss., 4, 695, 2004.

**ACPD**

4, S111–S112, 2004

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