REPLY

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Since the standard deviation of the elevation angle of the wind rarely exceeds 10°, it was my thought that it would be possible to prepare a simple approximate correction to the U and V sensor signals–hence the development of my Figure 14 and Table I. Teunissen has ably shown the limitations of this simple approach, and the need for "an iterative scheme such as that used by Horst (1973)".

The writer is indebted to Teunissen for pointing out the weakness of the simple approximate approach to correcting U and V signal outputs.

Reference

Horst, T. W.: 1973, *A Computer Algorithm for Correcting Non-cosine Response in the Gill Anemometer*, Battelle Northwest Laboratories, report BNWL-1651 PT1, Richland, Wash., U.S.A.