ADDENDUM TO "ON THE DETERMINATION OF THE ROOTS OF DISPERSION EQUATIONS BY USE OF WINDING NUMBER INTEGRALS" (Journal of Sound and Vibration 145(3), 503-510)

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Recently we published details of a method for the determination of the roots of dispersion equations that were analytic over a region in the complex wavenumber plane. The method proved to be of such simplicity and efficacy that we believe the likelihood of the method being new was small.

Since publication, earlier references have come to our notice and natural justice dictates that they should be acknowledged. The original description of the method was given in an article by Delves and Lyness [1]. It was subsequently refined principally by Ioakimidis and Anastassiou [2, 3] and Davis [4]. We hope that this addendum redresses the original omission of these references and assists in the wider dissemination of the Lyness-Delves method.

REFERENCES

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- 4. B. DAVIS 1986 Journal of Computational Physics 66, 36-49. Locating the zeros of an analytic function.