

## ERRATUM TO "PROOF OF A POLYNOMIAL CONJECTURE"

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The proof of [4] is incomplete.

It does not take into account the case where the extremal root 1 either is multiple, or the right endpoint of a root-interval for  $f$  in which  $|f|$  does not assume its maximal value, or both, but where no other root has this property. It is possible to treat this case by methods similar to those used in [1]. A proof of this and some related results can be found in [2] and [3].

### REFERENCES

1. G. K. Kristiansen, *Proof of an inequality for trigonometric polynomials*, Proc. Amer. Math. Soc. **44** (1974), 49–57. MR **49** #5666.
2. ———, *Some inequalities for polynomials and trigonometric polynomials*, Math. Balkan. (to appear).
3. ———, *Proof of an inequality (conjectured by Kuhn) for trigonometric polynomials*, Math. Balkan. (to appear).
4. ———, *Proof of a polynomial conjecture*, Proc. Amer. Math. Soc. **44** (1974), 58–60.

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