

Review of: "Negativity, zeros and extreme values of several polynomials"

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Potential competing interests: No potential competing interests to declare.

The first question is: what is the intended audience of this paper? It is not clear to me. I will assume it is intended for professional mathematicians.

The paper lacks proper motivation: what is so special about the four polynomials singled out for this study? How were they chosen? Why is their zeros, maxima, minima important? Since there is no novel idea in the paper, the motivation becomes paramount.

The computations appear to be correct and it is certainly a nice exercise in the use of Descartes rule of sign.

I recommend fixing some awkward use of the English language, for example:

"totally has four real zeros" maybe better "it has a total of four zeros"?

"locate" when it is probably meant "is located"

"recite" in the next to last line of page 4: it is not clear to me what it means.