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

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In this paper, the authors obtained some properties such as negativity, zeros and extreme values of the polynomials

$$G(t) = 5t^{43} - 218t^{30} + 720t^{17} - 455t^{13} - 52,$$

$$H(t) = 5t^{29}\sum_{l=0}^{12}(13-l)t^l - t^{16}\sum_{l=0}^{12}(2704-213l)t^l - 169t^{13}\sum_{l=0}^{2}(7+3l)t^l - 52\sum_{l=0}^{12}(l+1)t^l,$$

$$J(t) = 43t^{30} - 1308t^{17} + 2448t^4 - 1183$$

and

$$K(t) = 43t^{17}\sum_{k=0}^{12}t^k - 1265t^4\sum_{k=0}^{12}t^k + 1183\sum_{k=0}^{3}t^k.$$

The authors used Descartes's rule for their proof and the proof looks elementary and nice.

In my opinion, it would be better that the authors gave some detailed motivation for these problems.