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Errata, to: “A Representation of a Nonnegative ...”

Pavel G. Todorov

Published in “Math. Balkanica (N.S.)”, Vol. 14, 2000, Fasc. 3-4)

In the paper “Pavel G. Todorov, A Representation of a Nonnegative Algebraic Polynomial of Degree Four as a Sum of Two Squares of Real Polynomials, *Mathematica Balkanica*, New Series, Vol. 14, 2000. Fasc. 3-4, pp. 305-316”

it is written:

it must be:

page 305

– line 9, from below: $-\infty < x < +\infty$

$-\infty \leq x \leq +\infty$

– line 6, from below: it is written: “... and two complex conjugate zeros or one fourfold real zero...”

it must be: “... and two complex conjugate zeros or two double real zeros or one fourfold real zero...”

– line 1, from below: “at most”

”at the most”

page 306

– line 6, from above: “arithmitic”

”arithmetic”

– line 6, from above: “lesser”

”smaller”

page 307

– line 8, from above: “ α_1^4 ”

” α_1^2 ”

page 310

– in formula (31): “ $x'' - x'''$ ”

” $x''' - x''$ ”

– line 2, from below: “negative”

”nonnegative”

page 311

– line 1, from above: “Analolous”

Analogous”

page 313

– line 7, from above: “quadreatic”

”quadratic”

page 314

– line 9, from above: “0,”

”0”

page 316

– in formula (48): “ $2a_0r$ ”

” $4a_0r$ ”