

A new Abel inversion by means of the integrals of an input function with noise

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Corrigendum

A new Abel inversion by means of the integrals of an input function with noise

Li X-F, Huang L and Huang Y 2007 *J. Phys. A: Math. Theor.* **40** 347–360

Example 4 given in the paper [1] was mistyped and should read

$$g(r) = \begin{cases} 0.1 + 5.51r^2 - 5.25r^3, & 0 \leq r \leq 0.7, \\ -40.74 + 155.56r - 188.89r^2 + 74.07r^3, & 0.7 < r \leq 1, \end{cases}$$

$$I(y) = \begin{cases} 22.68862u^* + 217.557u^*y^2 - 59.49y^4 \ln \frac{0.7 + u^*}{y} + 155.56y^2 \ln \frac{1 + u}{0.7 + u^*} + I^*(y), & 0 \leq r \leq 0.7 \\ I^*(y) + 155.56y^2 \ln \frac{1 + u}{y}, & 0.7 < r \leq 1, \end{cases}$$

with

$$I^*(y) = -14.811667u - 196.30083uy^2 + 55.5525y^4 \ln \frac{1 + u}{y}$$

The authors apologize for any inconvenience. However, the authors would like to assure readers that these are merely misprints and as such do not affect the results presented in the paper [1] since they were evaluated and compared according to the above correct version.

References

- [1] Li X-F, Huang L and Huang Y 2007 *J. Phys. A: Math. Theor.* **40** 347