Padé approximations of solitary wave solutions of the Gross--Pitaevskii equation

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Corrigendum

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The numerical values for p on lines 5 and 6 of page 1619 were given correctly to three significant digits. The values to ten significant digits should be $p_1 = 0.583\,189\,4959$, $p_2 = -0.072\,898\,686\,98$, $p_3 = 0.011\,301\,9691$ and $p_4 = -0.001\,785\,0559$.

Furthermore, equation (41) should read

$$u(x,s) = 1 + \frac{a_{00} + a_{10}x^2 + a_{01}s^2 + mc_{20}^{7/4}U(2x^2 - (1-2U^2)s^2)(x^2 + (1-2U^2)s^2)}{(1 + c_{10}x^2 + c_{01}s^2 + c_{20}(x^2 + (1-2U^2)s^2)^2)^{7/4}}$$
$$v(x,s) = x\frac{b_{00} + b_{10}x^2 + b_{01}s^2 - mc_{20}^{7/4}(x^2 + (1-2U^2)s^2)^2}{(1 + c_{10}x^2 + c_{01}s^2 + c_{20}(x^2 + (1-2U^2)s^2)^2)^{7/4}}. \tag{41}$$

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