ERRATA

Erratum to: Ideal Gas Outflow from a Cylindrical or Spherical Source into a Vacuum

Kh. F. Valiev^a and A. N. Kraiko^{a,b,*}

^a*Baranov Central Institute of Aviation Motors (CIAM), ul. Aviamotornaya 2, Moscow, 111116 Russia*

^b*Moscow Institute of Sciences and Technology, Institutskii per. 9, Dolgoprudnyi, Moscow oblast, 141701 Russia*

*e-mail: akraiko@ciam.ru

Received July 12, 2019

DOI: 10.1134/S0015462819050136

On page 599 in formulas (1.3) instead of

$$x = \left[\frac{\gamma - 1}{a^2(\gamma + 1 - 2a^2)} \right]^{1/[2(v-1)]}$$

should read

$$x = \left[\frac{\gamma - 1}{a^{4/(\gamma-1)}(\gamma + 1 - 2a^2)} \right]^{1/[2(v-1)]},$$

and in equations (2.1) instead of

$$\frac{dt}{da} = 2 \frac{(\gamma - 1)^{(1-v/2)/(v-1)} [(\gamma + 1 - 2a^2)^{1/2} + (\gamma - 1)^{1/2} a]}{(v - 1) a^{1+2/[v(v-1)(\gamma-1)]} (\gamma + 1 - 2a^2)^{1+1/[2(v-1)]}}$$

should read

$$\frac{dt}{da} = \frac{2(\gamma + 1)(\gamma - 1)^{(1-v/2)/(v-1)}(a^2 - 1)}{(v - 1) a^{1+2/[v(v-1)(\gamma-1)]} (\gamma + 1 - 2a^2)^{1+1/[2(v-1)]} [(\gamma + 1 - 2a^2)^{1/2} - (\gamma - 1)^{1/2} a]}.$$

All results of the paper are obtained using the correct formula and equation.

The original article can be found on-line at

<https://doi.org/10.1134/S0015462818050154>