ERRATA

Erratum: “Trapping of Plasmons in Ion Holes” [JETP Lett. 77 (12), 647 (2003)]

P. K. Shukla and B. Eliasson

PACS numbers: 52.35.Hr

Equation (6) should read

$$\begin{aligned} & \tau \frac{\partial^2 \phi}{\partial \xi^2} - \exp[\tau(\phi - W^2)] + b \exp\left(-\frac{M^2}{2}\right) \\ & \times \left\{ I[-(\phi - \phi_{\max})] + K\left(\frac{M^2}{2}, -(\phi - \phi_{\max})\right) + \frac{2}{\sqrt{\pi|\alpha|}} W_D[\sqrt{\alpha(\phi - \phi_{\max})}] \right\} = 0. \end{aligned} \quad (6)$$

Equation (7) should read

$$\begin{aligned} H(W, \phi, \lambda, M) = & 3\left(\frac{\partial W}{\partial \xi}\right)^2 - \frac{\tau}{2}\left(\frac{\partial \phi}{\partial \xi}\right)^2 - (\lambda - 1)W^2 + \frac{1}{\tau}\{\exp[\tau(\phi - W^2)] - 1\} \\ & + b \exp\left(-\frac{M^2}{2}\right) \left[P(\phi_{\max} - \phi, \alpha) + h\left(\frac{M^2}{2}, 0, \phi_{\max} - \phi\right) - 1 \right] - H_0 = 0. \end{aligned} \quad (7)$$

On page 649, second column, second paragraph, the expression $3(d^2W/d\xi^2) + [1 - \exp(\phi) - \lambda]W = 0$ should be replaced by $3(d^2W/d\xi^2) + [1 - \exp(\tau\phi) - \lambda]W = 0$.