Erratum: Universal Spreading of Wave Packets in Disordered Nonlinear Systems [Phys. Rev. Lett. 102, 024101 (2009)]

S. Flach, D. O. Krimer, and Ch. Skokos (Received 28 April 2009; published 22 May 2009)

DOI: 10.1103/PhysRevLett.102.209903

PACS numbers: 05.45.-a, 05.60.Cd, 63.20.Pw, 99.10.Cd

We have identified a calculational error in the prediction contained in Eq. (8) in our recent Letter [1]. The correct equation reads

$$m_2 \sim (\beta^4 t)^{\alpha}, \qquad \alpha = \frac{1}{1 + d\sigma}.$$
 (1)

The exponent α is therefore bounded from above by $\alpha_{\text{max}} = 1$, which is obtained for $\sigma \to 0$. All results of the Letter [1], as well as all other predictions, are untouched.

[1] S. Flach, D.O. Krimer, and Ch. Skokos, Phys. Rev. Lett. 102, 024101 (2009).