

Errata corrige of F. Zanlungo, T. Ikeda and T. Kanda, Social force model with explicit collision prediction, *Europhysics Letters*, Volume 93, 68005, 2011

Equation (6) on page 2, bottom of the left colum, should be

$$\mathbf{f}_{i,j}(\mathbf{d}_{i,j}, \mathbf{v}_{i,j}) = Ae^{-b_{i,j}/B} \frac{d_{i,j} + \mathbf{y}_{i,j}}{4b_{i,j}} \left(\frac{\mathbf{d}_{i,j}}{d_{i,j}} + \frac{\mathbf{y}_{i,j}}{\mathbf{y}_{i,j}} \right)$$

Equation (9) on page 2, righ colum, should be

$$\mathbf{f}_{i,j}(\mathbf{d}_{i,j}, \mathbf{v}_{i,j}) = \frac{Ae^{-b_{i,j}/B}}{\sqrt{1 + v_i\tau}} \frac{d_{i,j} + \mathbf{y}_{i,j}}{4b_{i,j}} \left(\frac{\mathbf{d}_{i,j}}{d_{i,j}} + \frac{\mathbf{y}_{i,j}}{\mathbf{y}_{i,j}} \right)$$

Equation (10) on page 3, bottom of the left colum, should be

$$\mathbf{f}_{i,j}(\{\mathbf{d}_{i,j}\}, \{\mathbf{v}_{i,j}\}, \mathbf{v}_i) = A \frac{v_i}{t_i} e^{-d'_{i,j}/B} \frac{\mathbf{d}'_{i,j}(t_i)}{d'_{i,j}(t_i)}$$

In Table 3, for the CP model, **parameter A is supposed to be a-dimensional** (as clearly seen from eq. 10).

Changes are in red, boldface stands for vectors and the $|\mathbf{v}| = v$ notation is used.