Erratum

On the Directional Sensitivity of Motion Detectors

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Two mistakes appeared in the legend of Fig. 3 in the paper. The correct legend is printed below.

Fig. 3a–d. Electrophysiological response (spikes per second) of the H1 neuron in the lobula plate of the fly to sinusoidal patterns moving along the variable direction α (0° : patterns move back-to-front in front of the contralateral eye, 90° : patterns move upwards). Averages of $n=23$ measurements from 14 flies; the bars represent the standard errors of the mean. **a** For large pattern wavelengths ($\lambda_0 = 15^\circ$) the directional sensitivity characteristics resembles a cosine function, though the amplitude of inhibition is smaller than that of excitation. **b** For $\lambda_0 = 6^\circ$ the response is less strong and the peaks appear to be slightly flat compared to that of larger wavelengths. **c** For $\lambda_0 = 3.3^\circ$ the average response is still positive for back-to-front pattern motion, but small and restricted to a narrow range of α . **d** For $\lambda_0 = 2.3^\circ$ the response is inverted, i.e. the spike rate is decreased for contralateral back-to-front, and increased for front-to-back pattern motion. Again, the response peaks are quite narrow