Erratum to: Exogenous object-centered attention

Jan Theeuwes · Sebastiaan Mathôt · Jonathan Grainger

Published online: 11 January 2014
© Psychonomic Society, Inc. 2014

Erratum to: Atten Percept Psychophys
DOI 10.3758/s13414-013-0459-4

The publisher regrets having omitted the abstract and key words in the original article. The abstract and key words appear below.

Abstract The present paper shows that the exogenous spatial cueing effect moves along with a rotating object. We exogenously cued one side of a horizontal bar with an abrupt onset. After cueing, this bar rotated to a vertical position. We found an object-centered cueing effect. In a second experiment, we cued one arm of a rotating cross and showed that retinotopic (eye-centered) and object-centered cueing effects are equally strong. Our results indicate that retinotopic and object-centered reference frames are simultaneously present and accessible. Consistent with neurophysiology, we argue that there are two dissociable attentional systems: one for visual object processing and one for spatial processing.

Keywords Attention · Attention: Object-based · Attentional capture

The online version of the original article can be found at <http://dx.doi.org/10.3758/s13414-013-0459-4>.

J. Theeuwes (✉)
Department of Cognitive Psychology, Vrije Universiteit,
Van der Boechorststraat 1,
1081 BT Amsterdam, Netherlands
e-mail: J.Theeuwes@psy.vu.nl

S. Mathôt · J. Grainger
Laboratoire de Psychologie Cognitive, Aix-Marseille University &
Centre National de la Recherche Scientifique (CNRS),
Marseille, France