

Personal Details

Office address	Department of Education, University of Haifa, Haifa 3478601, Israel.
Telephone	704-703-6688
E-mail	bhadad@univ.haifa.ac.il

Higher Education

2010	Kreitman Post-doctoral fellow, With Dr. Galia Avidan, Ben-Gurion University, Israel.
2007-2009	McDonnell Doudation Post-Doctoral fellow*
2002-2006	Ph.D. in Cognitive Psychology (Summa Cum Laude) Thesis on "Perceptual grouping and completion of fragmented contours microgenetic and ontogenetic analyses" Psychology Department, University of Haifa, Haifa, Israel 31905 Supervisor: Prof. Ruth Kimchi
1996-2000	M. A. in Cognitive Psychology Psychology Department, University of Haifa, Haifa, Israel 31905 Supervisor: Prof. Ruth Kimchi
1993-1996	B.A. in psychology (Summa Cum Laude), Minor in Criminology Tel Aviv University, Tel Aviv, Israel

* Visual Development Lab, with [Prof. Daphne Maurer](#)

Academic Appointments

Co-Lecturer	2009-	Department of Education, University of Haifa
Co-Lecturer	2005-2007	Department of Occupational therapy University of Haifa
Co-Lecturer	2003-2007	Department of Psychology, University of Haifa
Lecturer	1999-2007	Emek-Izrael College, Behavioral Sciences
Senior Research Assistant	1998-2007	Institute of Information Processing and Decision Making University of Haifa
Teaching Assitant	1997-1999	Emek-Izrael College, Behavioral Sciences
Teaching Assitant	1996-1999	Department of Psychology, University of Haifa
Teaching Assitant	1995-1996	Department of Psychology, Bar Ilan University

Research Interests

Perceptual organization;
Cognitive development;
Motion processing;

Modal and amodal completion;
Ventral and dorsal visual streams

Publications

Journal Articles

Hadad, B., Maurer, D., & Lewis, T. L. (2010). Sparing of sensitivity to biological motion but not of global motion after early visual deprivation. *Developmental Science*, in press.

Hadad, B., Maurer, D., & Lewis, T. L. (2010). Long trajectory for the development of sensitivity to global and biological motion. *Developmental Science*, 15, 1-10.

(2010). The effects of spatial proximity and collinearity on contour integration in children and adults. Lewis, T. L & Hadad, B., Maurer, D. *Vision Research*, 50 (8), 772-778.

Hadad, B., Lewis, T. L., & Maurer, D. (2009). The development of contour interpolat: Evidence from subjective contours. *Journal of Experimental Child Psychology*, 106 (2-3), 163-176.

Hadad, B.-S., & Kimchi, R. (2008). Grouping of shape by perceptual closure: Effects of spatial proximity and collinearity. *Journal of Vision*, 8(6):582, 582a ([Abstract](#)).

Hadad, B.-S., & Kimchi, R. (2008). Time course of grouping of shape by perceptual closure: Effects of spatial proximity and collinearity. [Perception & Psychophysics](#), 70 (5), 818-827.

Hadad, B. (2008). Binocularity, Critical Periods, and the Natural History of Esotropia. New-York Academy of Science. October 2008. <http://www.nyas.org/critical>.

Haimov, I., Hadad, B., & Shurkin, D. (2007). Perceptual changes associated with chronic insomnia in older adults. [Journal of Gerontological Nursing](#), 33(10), 330-342.

Hadad, B.-S., & Kimchi, R. (2006). Developmental trends in utilizing perceptual closure for grouping of shape: Effects of spatial proximity and collinearity. [Perception & Psychophysics](#), 68(8), 1264-1273.

Kimchi, R., Hadad, B.-S., Behrmann, M., & Palmer, S. E. (2005). Microgenesis and ontogenesis of perceptual organization evidence from global and local processing of hierarchical patterns. [Psychological Science](#), 16(4), 282-290.

Kimchi, R., & Hadad, B.-S. (2002). Influence of past experience on perceptual grouping. [Psychological Science](#), 13(1), 41-47.

Manuscripts submitted

Hadad, B., Avidan, G., & Ganel, T. Functional dissociation between perception and action is evident early in life. *Developmental Science*. Submitted

Hadad, B. The effect of aging on contour integration: Is aging development in reverse? *Psychology & Aging*. submitted

Manuscripts in preparation

Hadad, B., Avidan, G., & Ganel, T. Developmental trends in the adherence of perception to Weber's law. In preparation.

Hadad, B., Avidan, G., & Ganel, T. Perceptual illusions in children. In preparation.

Hadad, B., Maurer, D., & Lewis, T. L. Contour interpolation in patients treated for bilateral dense cataracts. *Vision Research*, submitted.

Hadad, B., Maurer, D., & Lewis, T. L. A common mechanism for interpolation of subjective and partly occluded contours? A developmental perspective. *Journal of Vision*, submitted.

Articles in refereed conference proceedings

Hadad, B. Ganel, T., & Avidan. Developmental trends in the adherence of Eds.), Fechner day 2011, Herzelyia) perception to Weber's Law. In D. Algom

Abstracts

Patel, M., Hadad, B., Maurer, D., & Lewis, T. L. (2010). Mind the gap: The effect of support ratio and retinal size on contour interpolation [Abstract]. *Journal of Vision*, 10(7), 1166. <http://www.journalofvision.org/content/10/7/1166.abstract>

Hadad, B., Maurer, D., & Lewis, T. L. (2009). Filling in the gaps: The development of contour interpolation [Abstract]. *Journal of Vision*, 9(8):909, 909a, <http://journalofvision.org/9/8/909/>, doi:10.1167/9.8.909.

Hadad, B.-S., & Kimchi, R. (2008). Grouping of shape by perceptual closure: Effects of spatial proximity and collinearity [Abstract]. *Journal of Vision*, 8(6):582, 582a, <http://journalofvision.org/8/6/582/>, doi:10.1167/8.6.582.

Haimov, I., Hadad, B., and Shorkin, D. (2004). Comparison of visual perception between elderly with and without insomnia. *Journal of Sleep Research*, 13 (1), 301.

Haimov, I., Hanuka, E., Spira, T., Hadad, B., Shefer, O., Breznitz, N., Breznitz, S. (2004). Association between cognitive performance and insomnia among the elderly. *Journal of Sleep Research*, 13 (1), 330.

Haimov, I., Hanuka, E., Spira, T., Hadad, B., Shefer, O., Breznitz, N., Breznitz, S. (2004). Sleep and cognitive functioning in elderly people with and without Insomnia. *Sleep*, 27, 125.

Haimov, I., Hanuka, E., Spira, T., Hadad, B., Shefer, O., Breznitz, N., Breznitz, S. (2004). Sleep disorders and cognitive functioning among elderly People. *Journal of Neurology*, 251 (3), 8.

Haimov, I., Hadad, B., & Shorkin, D. (2003). Elderly with and without insomnia: a comparison of visual perception of global and local aspects. *Sleep*, 26, 157.

Hanuka, E., Spira, T., Hadad, B., Breznitz, S., Shefer, O., Breznitz, N., and Haimov, I. (2003). Cognitive functioning and insomnia among elderly people. *Neural Plasticity*, 10(3), 203-204.

Akselrod, A., Hadad, B., & Haimov, I. (2002). Memory process and insomnia in the elderly. *Neural Plasticity*, 9, 66.

Hadad, B., Shurkin D., & Haimov, I. (2002) Global-local processing among elderly with and without insomnia: A comparison with young adults. *Neural Plasticity*, 9, 90.

Conference Presentations

Hadad, B., Maurer D., & Lewis, T. L. (2010). Finding the egg in the snow: The effects of spatial proximity and collinearity on contour integration in adults and children. Poster presented at the Sciences Society (VSS), Naples, Florida, May 7-12.

Lewis, T. L., Hadad, B., & Maurer D. (2010). Connecting the dots: Sensitivity to global and biological motion in visually normal children and patients treated for congenital cataract. Paper presented at the XIX Biennial Meeting of the International Society for Eye Research (ISER), Montreal, Canada, July 18-23.

Lewis, T. L., Hadad, B., & Maurer D. (2010). Sensitivity to biological and global motion: Similar in their protracted development but different in their susceptibility to visual deprivation. Paper presented at the Sciences Society (VSS), Naples, Florida, May 7-12.

Patel, M., Hadad, B., Lewis, T. L., & Maurer D. (2010). Mind the gap: The effect of support ratio and size on contour interpolation. Poster presented at the Sciences Society (VSS), Naples, Florida, May 7-12.

Hadad, B., Maurer D., & Lewis, T. L. (2009). Filling in the gaps: The development of *contour interpolation*. Poster presented at the Vision Sciences Society (VSS), Naples, Florida, May 9-13.

Hadad, B., Maurer, D., & Lewis, T. L. (2008). The development of Contour Interpolation: Evidence From Subjective Contours. Paper presented at the 17th Annual Meeting of the Israeli Neuroscience Society, Eilat, Israel, December 7-9.

Hadad, B., & Kimchi, R. (2008). Grouping of Shape by Perceptual Closure: Effects of Spatial Proximity and Collinearity. Poster presented at the Vision Sciences Society (VSS), Naples, Florida, May 9-13.

Hadad, B., & Kimchi, R. (2004). Microgenesis and ontogenesis of perceptual organization of line configurations. Poster presented at the Hebrew Conference of Cognitive Psychology and Decision Making. Bar-illan University, Ramat-Gan. (October 5-6).

Hadad, B., & Kimchi, R. (2003). [Global and local processing of hierarchical patterns: A developmental Study](#). Poster presented at the XIII Conference of the European Society of Cognitive Psychology (ESCOP-2003), University of Granada, Spain (September 17-20).

Kimchi, R., Hadad, B. (2003). Perceptual Organization of Hierarchical Stimuli: A Developmental Study. Paper presented at The 44th Annual Meeting of the Psychonomic Society, Vancouver, Canada, November.

Hadad, B., & Kimchi, R. (2002). [Influence of past experience on perceptual grouping](#). Poster presented at the Hebrew Conference of Cognitive Psychology and Decision Making, The Center for Rationality, The Hebrew University, Jerusalem (July 2-3).

Kimchi, R., & Hadad, B. (2000). Past Experience Influences Early Perceptual Organization. Paper presented at The 41st Annual Meeting of the Psychonomic Society, New Orleans, USA, November.