

- [Home](#)
- [About the CVR](#)
- [News](#)
- [Members](#)
- [Seminar Series](#)
- [Conference](#)
- [Resources](#)
- [CVR Summer School](#)
- [Research Labs](#)
- [Training at the CVR](#)
- [Partnering with the CVR](#)
- [Contact Us](#)

- Friday, February 2, 2007  
Gestalt-Based Object Group Selection

The Gestalt principles describe how human perception groups objects.

Our research investigates how these principles can be used to make it easier to work with diagrams or drawings on a computer. In particular, we target situations where standard techniques, such as rectangle selection, shift-clicking or lasso selection are suboptimal.

Our new approach clusters the displayed objects based on Gestalt principles and provides efficient techniques to select such visually salient clusters. We present results of an initial evaluation. Finally, we will identify a few "missing pieces" in Gestalt research.

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