

Two-Handed Interaction in Open Space

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Introduction



[Lee. 2007]

Introduction



[from Minority Report, © 2002 Twentieth Century FOX and Dreamworks Pictures]]

Related Work

iPoint presenter



[<http://www.hhi.fraunhofer.de/index.php?1401&L=1>]

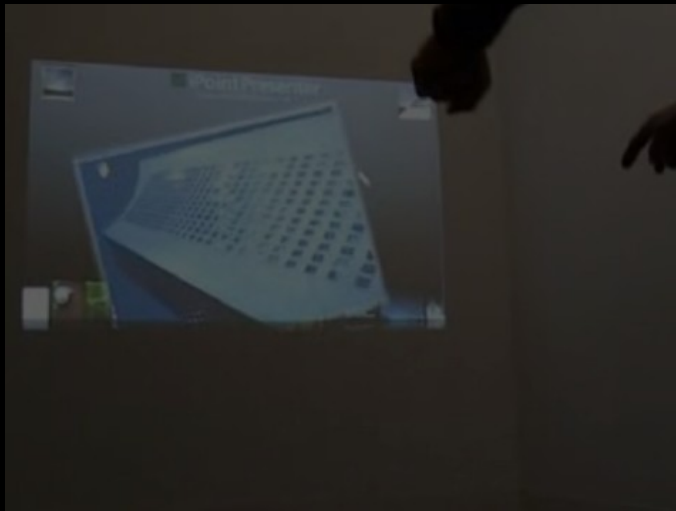
Project Maestro



[<http://labs.cynergysystems.com>]

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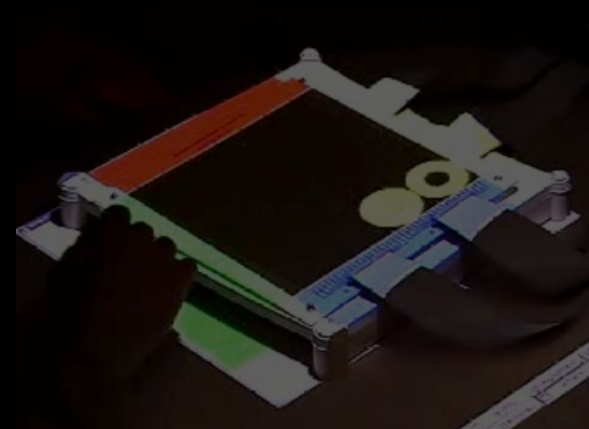
Related Work

Dynawall



[Geißler. 1998]

Diamondtouch



[Dietz et al. 2001]

FTiR



[Han. 2005]

MS Surface



[Microsoft. 2007]

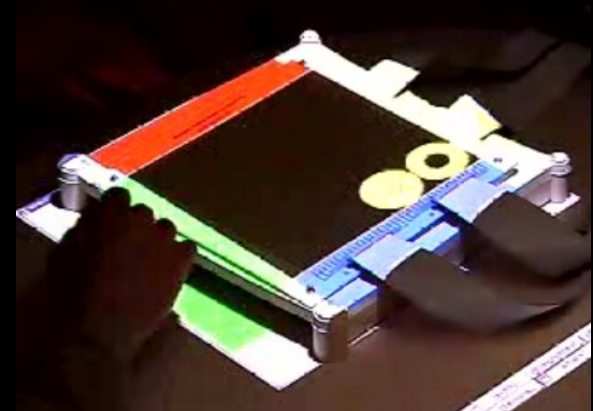
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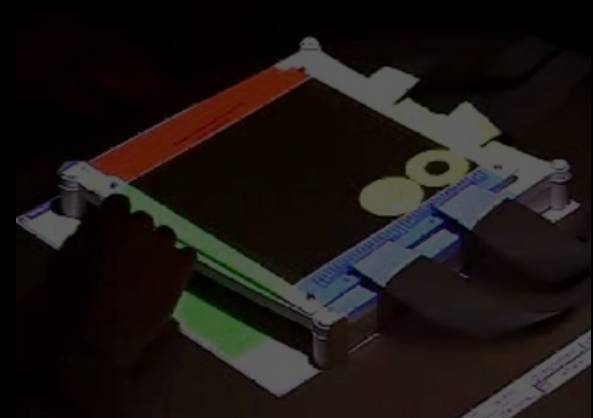
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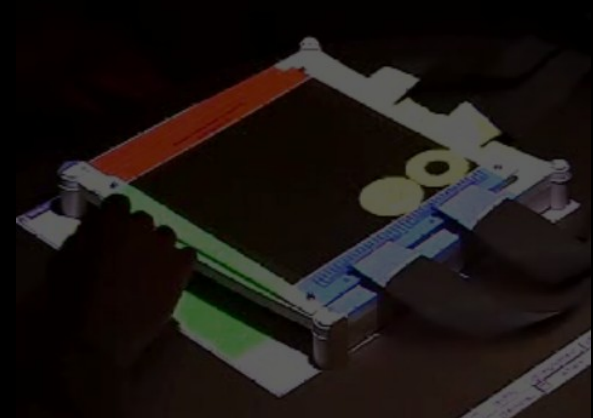
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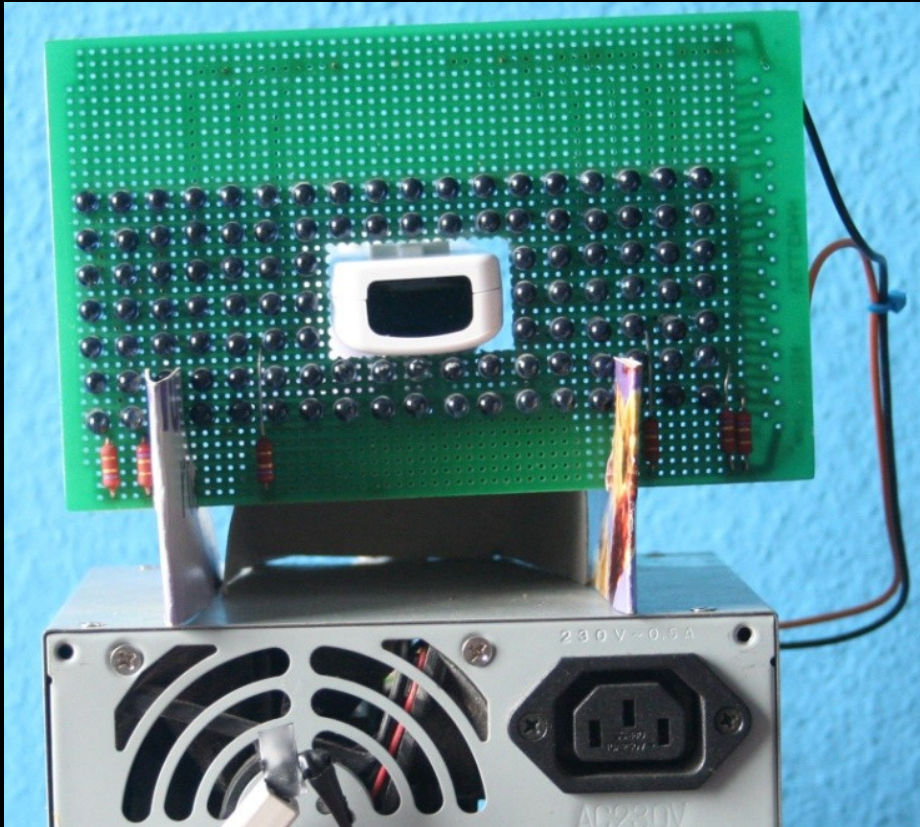


[Microsoft. 2007]

Goals

- Ease of use
- No cables
- No touch, just pinch
- Presentation system

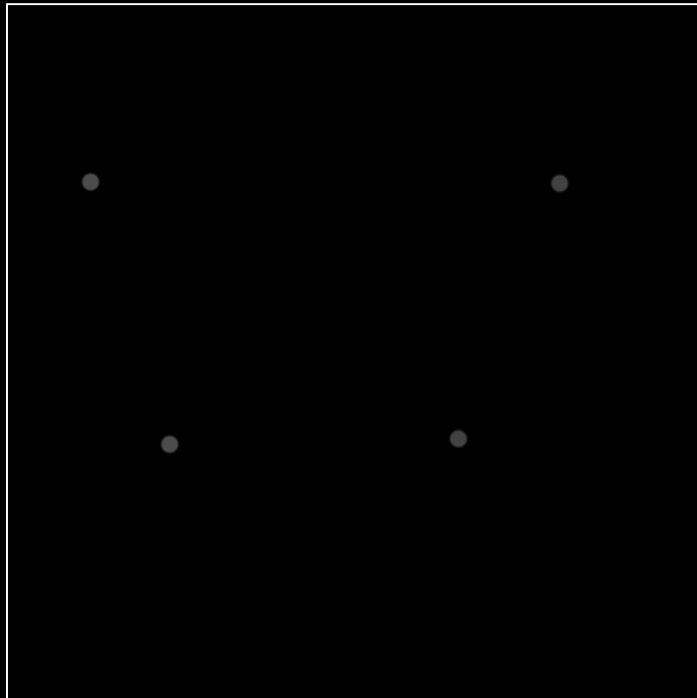
Design



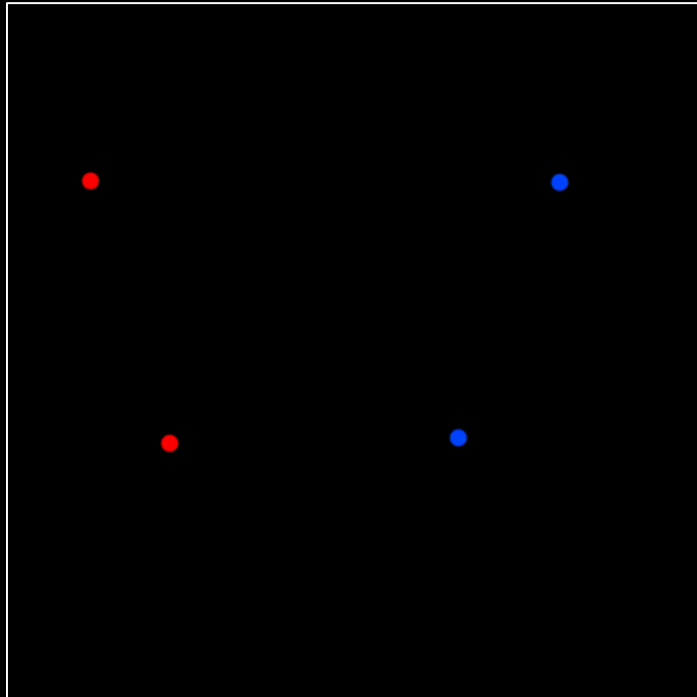
Algorithms



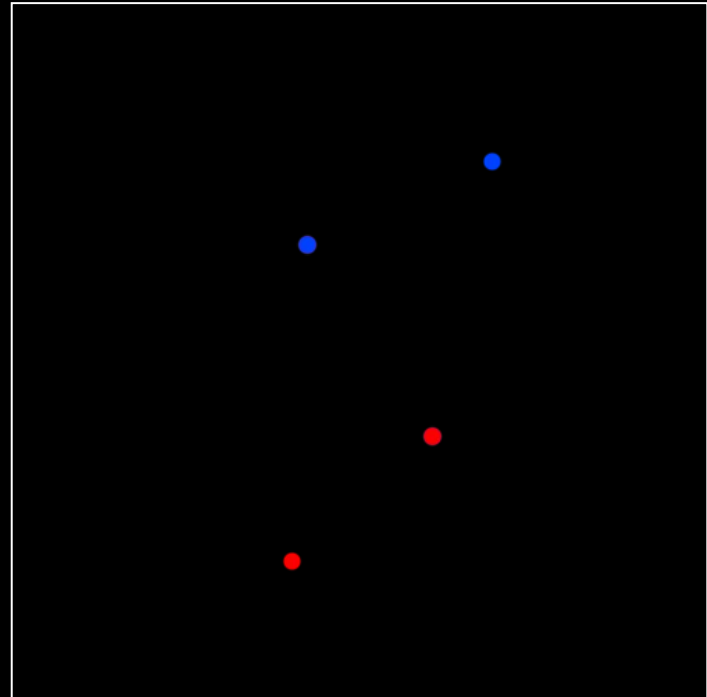
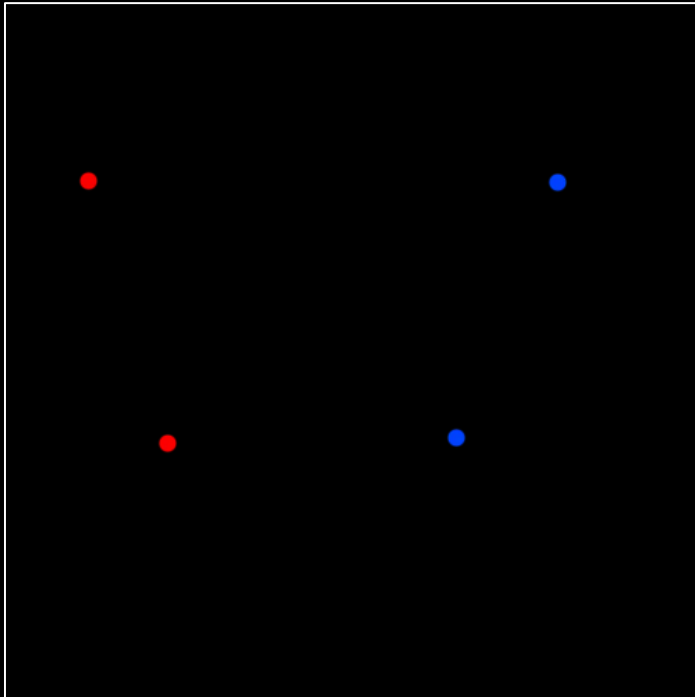
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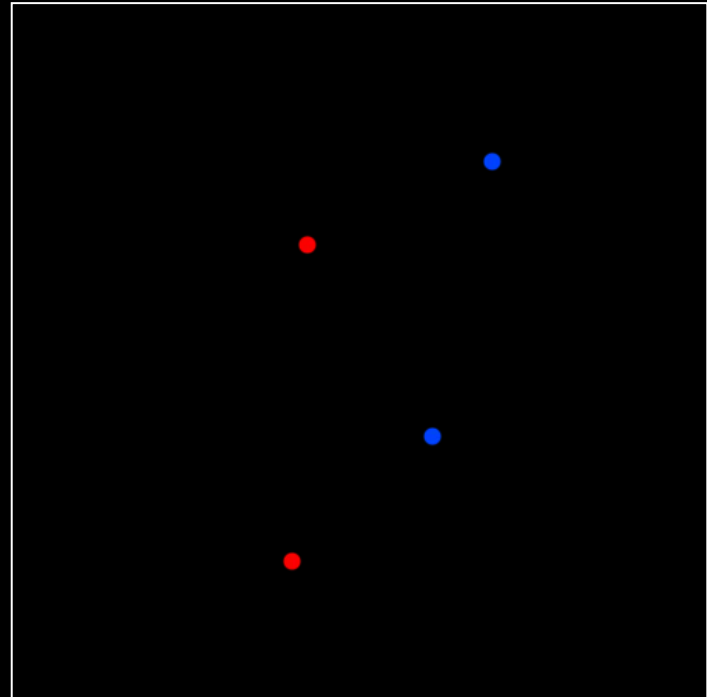
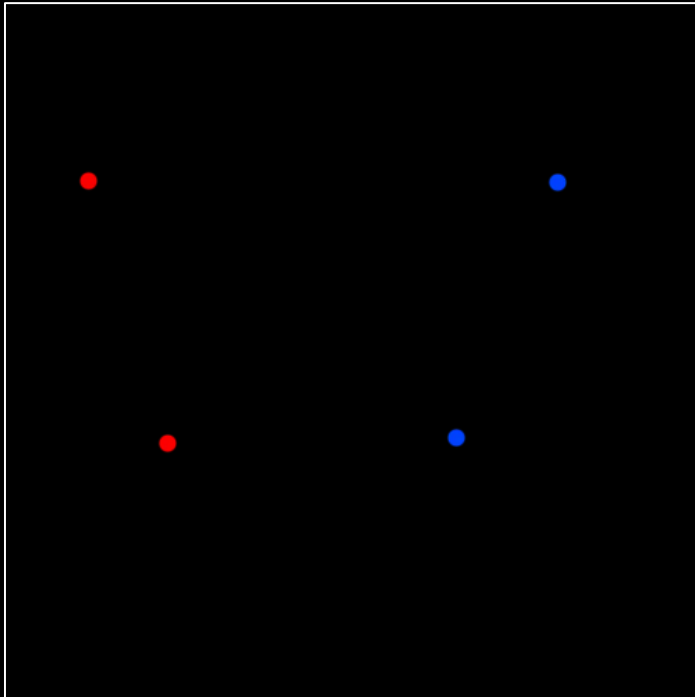
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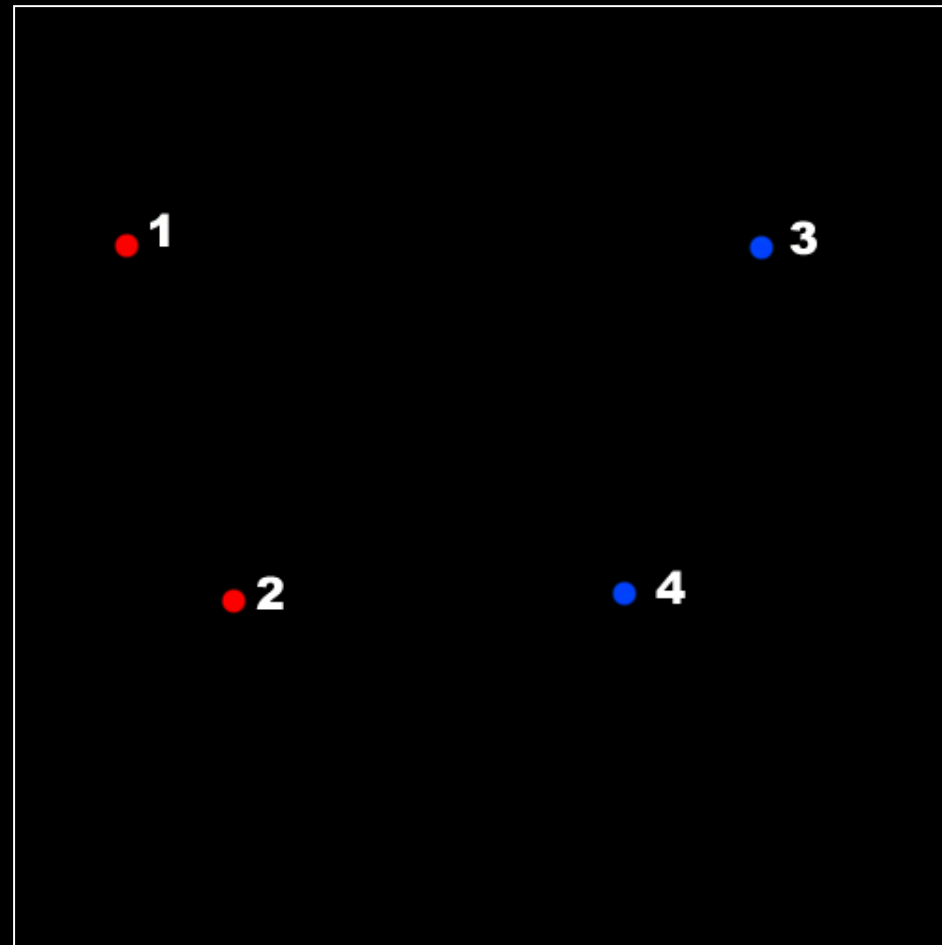
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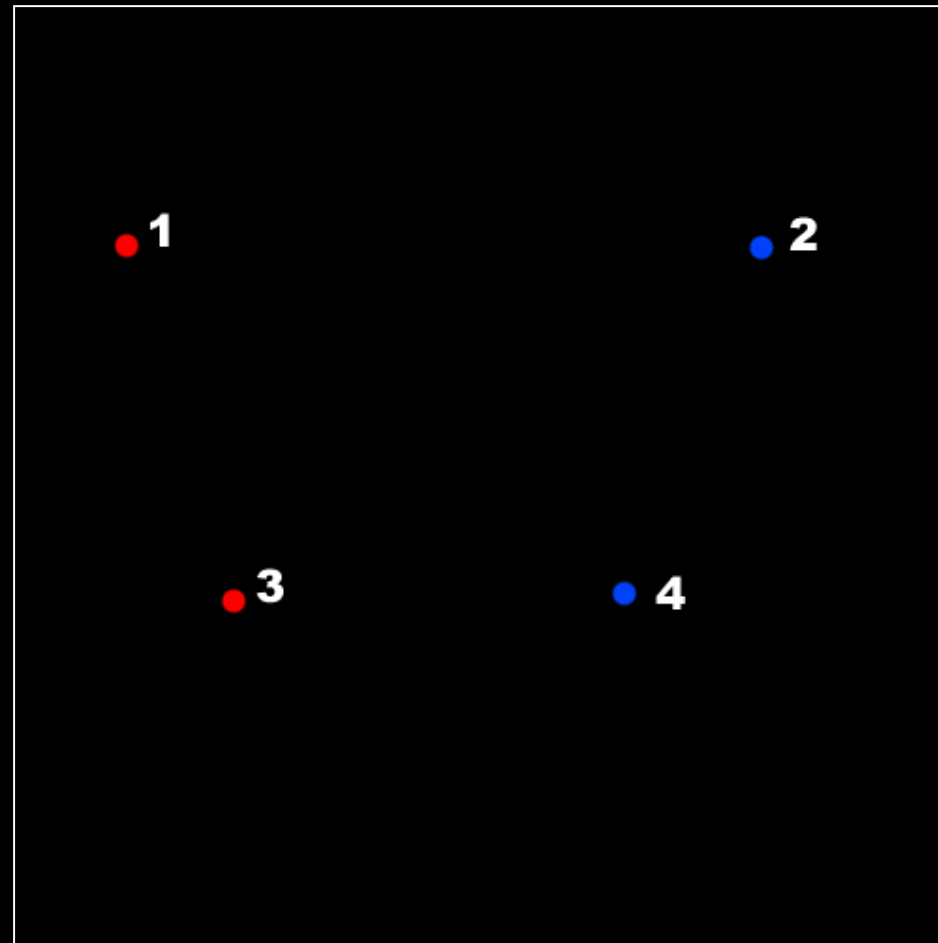
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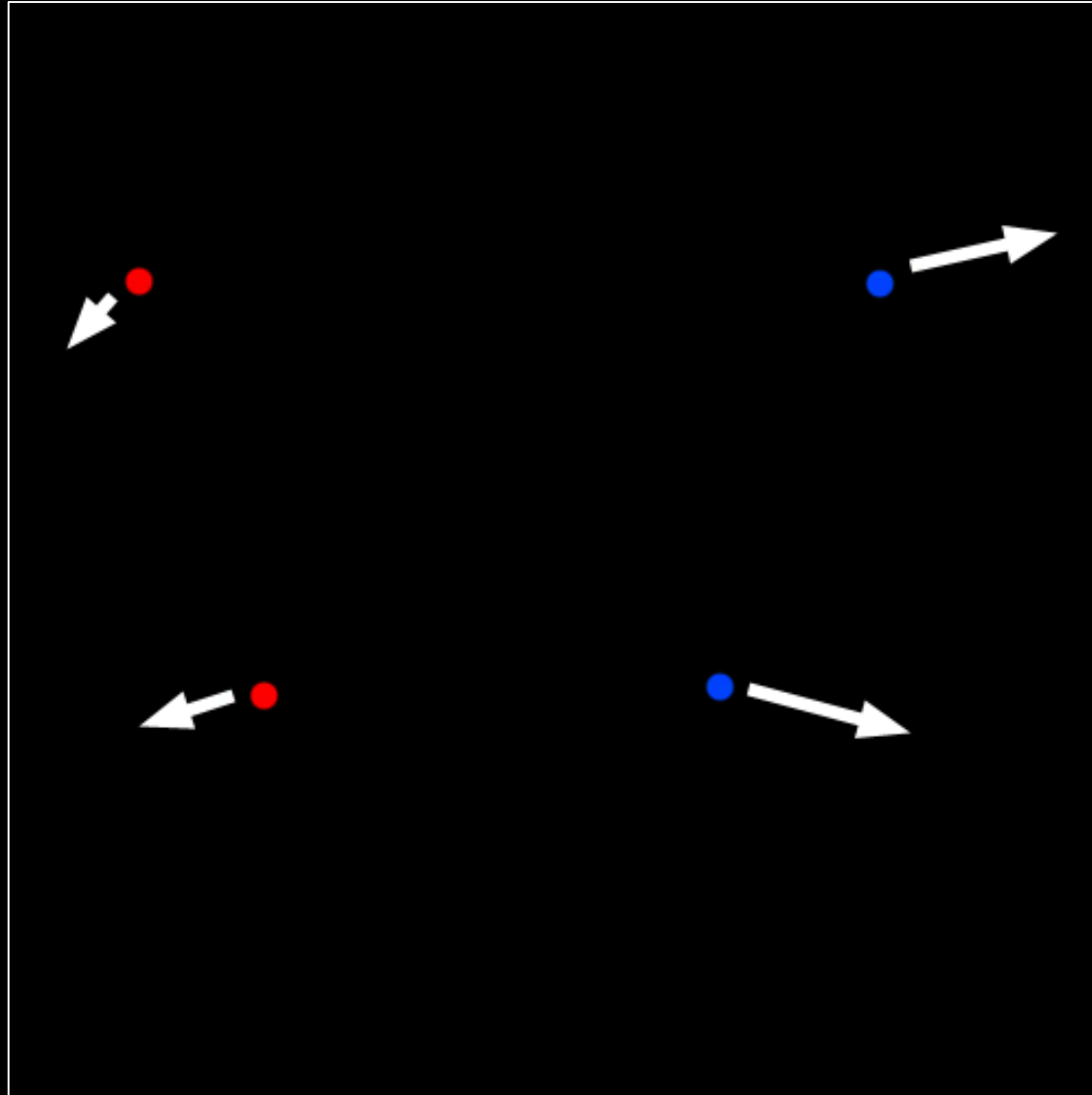
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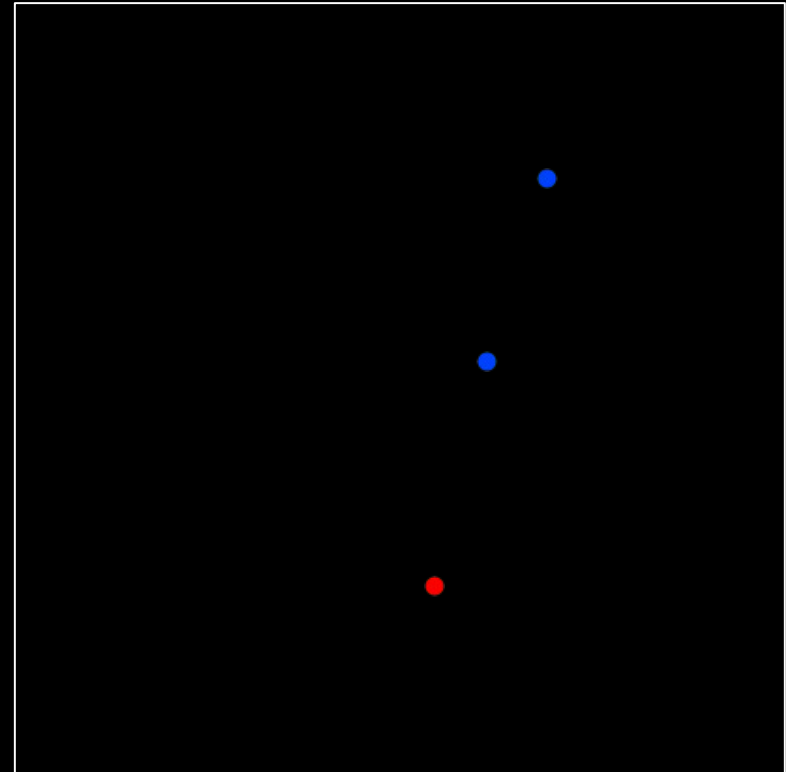
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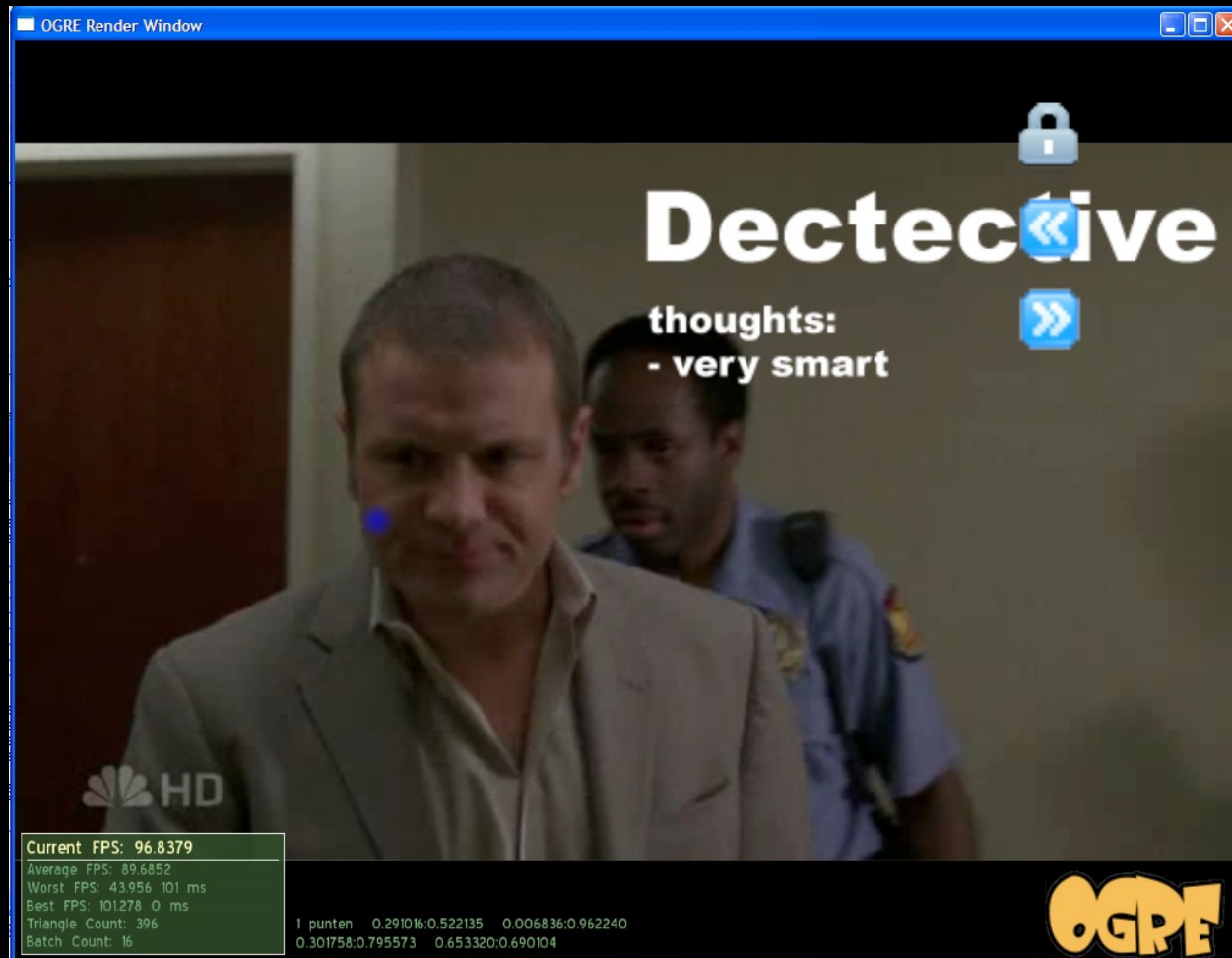


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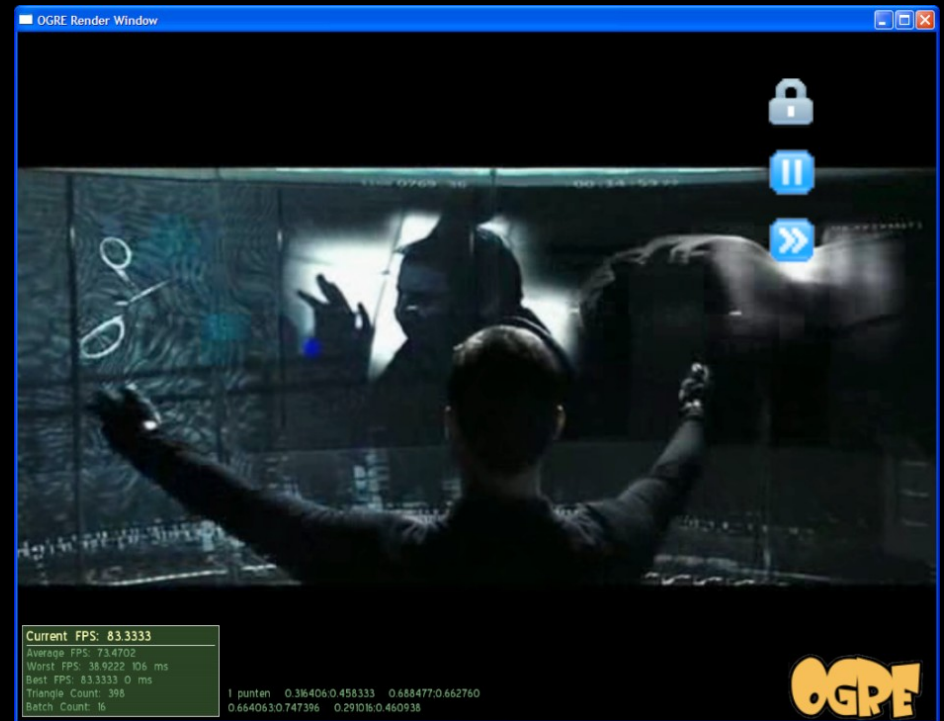
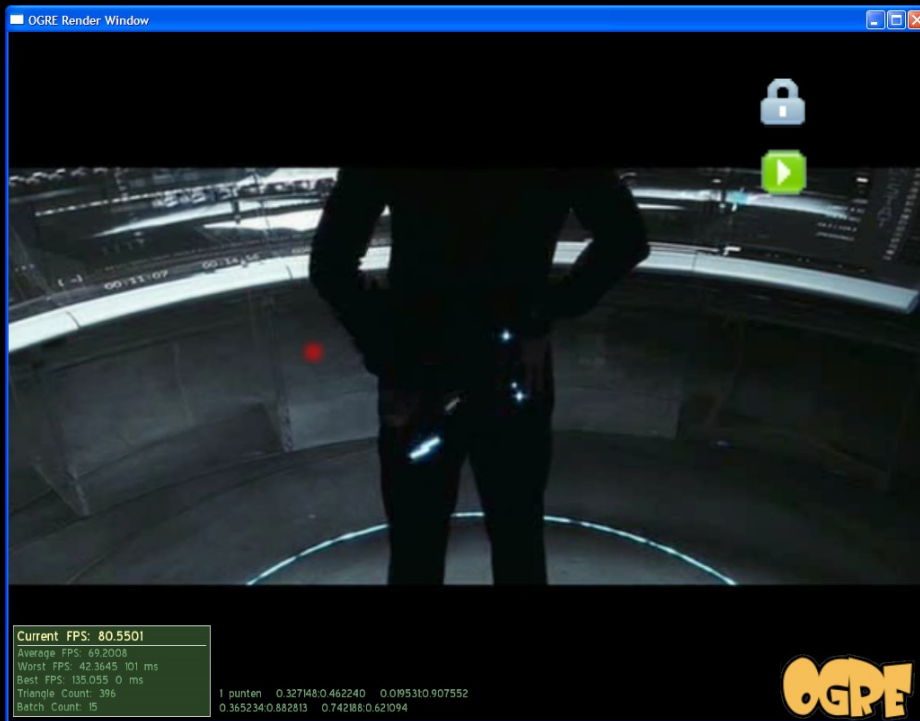
Widgets

Photoframe



Widgets

Photoframe



Experiences

Ogre

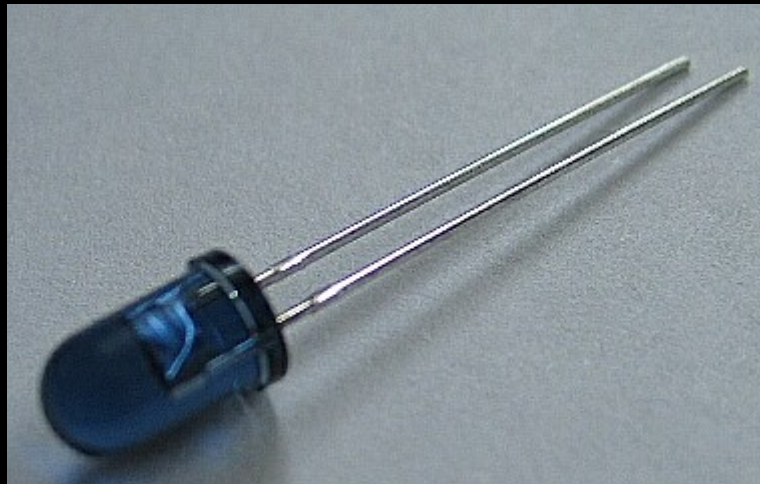


Presentation system



Experiences

LEDs



Summary

Open air



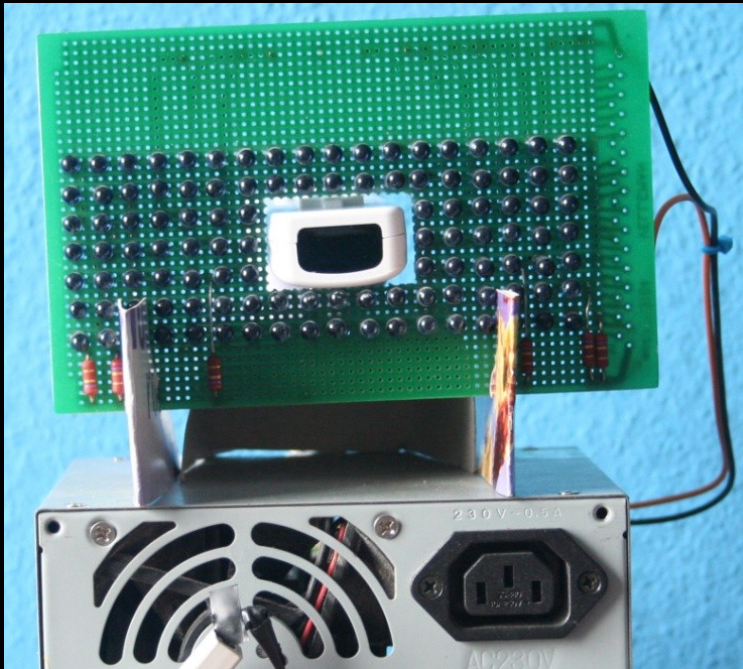
Summary

Pairing & Pinching



Summary

Inexpensive setup



Questions?

