DANNIT, WE AR (ERAING THE SMALE DRESS)	





Which way was the train moving?	
<ul><li>A. Towards us</li><li>B. Away from us</li></ul>	
Which way was the train moving?	
A. Towards us	
B. Away from us	









**Not enough** information to specify what is out there



**Too much** information for our puny brains to process

THE COLOUR CHANGING CARD TRICK







(sight)



audition olfaction (smell)

proprioception 'internally' sensing your own body

thermosensation feeling temperature

gustation somatosensation nociception feeling pain

(hearing)



olfaction (smell)

thermosensation feeling temperature

gustation somatosensation nociception feeling pain







<section-header></section-header>	
in the brain too	
TON TO	
and we understand it best	
and we understand it best	
Scientific publications on "gustation":	
,500	
Scientific publications on "visual perception":	
1.25 million	





















"a little girl sitting on a bed with a teddy bear"





"an airplane is parked on the tarmac at an airport"



"a man wearing a hat on a skateboard"

## Perception is **Hard**

why did we think it would be easy?

## **Instinct Blindness**



"The phenomenal experience of an activity as 'easy' or 'natural' often leads scientists to assume that the processes that give rise to it are simple. **Seeing seems simple** ...

John Tooby Leda Cosmides precisely because there is a vast array of complex, dedicated computational machinery that makes this possible."

## Perception









































bright black light ↓ ↓			
X * Y = "true" lighting light hitt	ing		
color conditions eye			











a anna Jany giti	
------------------	--

















![](_page_19_Picture_2.jpeg)

![](_page_20_Picture_0.jpeg)

![](_page_20_Picture_2.jpeg)

![](_page_20_Picture_3.jpeg)

![](_page_21_Figure_0.jpeg)

![](_page_21_Picture_1.jpeg)

![](_page_21_Picture_2.jpeg)

![](_page_21_Figure_3.jpeg)

![](_page_22_Figure_0.jpeg)

![](_page_22_Figure_1.jpeg)

![](_page_22_Picture_2.jpeg)

![](_page_22_Picture_3.jpeg)

"Cues" to Size & Depth $X / Y = \bigcirc$ true distance size of retinal image	
Linear Perspective	

![](_page_24_Picture_0.jpeg)

![](_page_24_Picture_2.jpeg)

![](_page_24_Figure_3.jpeg)

![](_page_24_Picture_4.jpeg)

![](_page_25_Picture_0.jpeg)

![](_page_25_Picture_1.jpeg)

![](_page_25_Picture_2.jpeg)

![](_page_26_Picture_0.jpeg)

Occlusion	

![](_page_26_Picture_3.jpeg)

![](_page_27_Figure_0.jpeg)

![](_page_27_Picture_1.jpeg)

![](_page_27_Picture_2.jpeg)

![](_page_28_Picture_0.jpeg)

![](_page_28_Figure_1.jpeg)

![](_page_28_Picture_2.jpeg)

![](_page_28_Picture_3.jpeg)

Antiper Image to zoom in         Rellever image to zoom in			
Boll over image to zoom in       Part Number       2535         Roll over image to zoom in       Part Number       2535         Roll over image to zoom in       Part Number       2535         Roll over image to zoom in       Social System       Use Social System		BSG HandCraft	
Price: \$7.49 (bits) / Wee Woodt * 5.6.44 hipping         Price: \$7.49 (bits) / Weithouth * Available with free Prime shipping from other elever on Amazon.         In Stock:         Water Monday, Sept. 187 Order within 11 hrs 36 mins and choose Two-Bay Shipping at chestauc. Dealay at chestauc. Dealay Bay Home Brew Othic.         Roll over Image to zoom in         Roll over Image to zoom in		☆★★★☆ * 13 custom	SU er reviews
Roll over image to zoom in       Specifications for this item         Roll over image to zoom in       Part Number / Items         0       Part Number / Items         0       Specifications for this item         0       Part Number / Items         0       Specifications for this item         0       Base Specifications for this item         0       Specifications for this item <t< td=""><td></td><td>Price: \$7.49 (\$0.15 / Wire Ho Note: Not eligible for Amazon</td><td>d) + \$5.04 shipping Prime. Available with free Prime shipping from other</td></t<>		Price: \$7.49 (\$0.15 / Wire Ho Note: Not eligible for Amazon	d) + \$5.04 shipping Prime. Available with free Prime shipping from other
Roll over Image to zoom In Roll over Image to zoom Image		sellers on Amazon. In Stock. Want it Monday, Sept. 18? Or	der within 11 hrs 36 mins and choose Two-Day Shipping
Roll over image to zoom in Roll over image to zo	LA	at checkout. Details Ships from and sold by Home New (5) from \$8.95 & FREE sh	Brew Ohio. pping.
Part Number         2535           Number of Items         50           Measurement System         05           UPC         696737260864           Branch Meas         555 / Medicade	v	Specifications for this item	
Roll over image to zoom in Provide the source of terms 50 Provide terms 50		Part Number	2535
Measurement System         US           UPC         696737260864           Brend Name         BCK Invelfandt	Roll over image to zoom in	Number of Items	50
UPC 696737260864 Brand Name BSG HandCraft		Measurement System	US
Brand Name BSG klandCraft		UPC	696737260864
		Brand Name	BSG HandCraft

![](_page_29_Picture_1.jpeg)

![](_page_29_Picture_2.jpeg)

**Not enough** information to specify what is out there

![](_page_29_Picture_4.jpeg)

**Too much** information for our puny brains to process

THE COLOUR CHANGING CARD TRICK

<section-header><section-header><text><text><text></text></text></text></section-header></section-header>	
Magnification	
Attention	
Magnification	
Attention	

Ray State St	<b>Cortical</b> <b>Magnification</b> increased sensitivity	
A CONTRACT OF CONTRACT.	Jan Barris	
"Map" of body on the brain		

![](_page_31_Figure_1.jpeg)

![](_page_31_Picture_2.jpeg)

![](_page_32_Picture_0.jpeg)

![](_page_32_Picture_1.jpeg)

![](_page_32_Picture_2.jpeg)

![](_page_33_Picture_1.jpeg)

Attention ... is the taking possession by the mind, in clear and vivid form, of one out of what seem several simultaneously possible objects or trains of thought

William James (1842-1910)

![](_page_34_Picture_0.jpeg)

![](_page_34_Picture_1.jpeg)

![](_page_34_Picture_2.jpeg)

![](_page_35_Figure_0.jpeg)

![](_page_35_Picture_1.jpeg)

![](_page_35_Picture_2.jpeg)

![](_page_36_Figure_0.jpeg)

![](_page_36_Picture_1.jpeg)