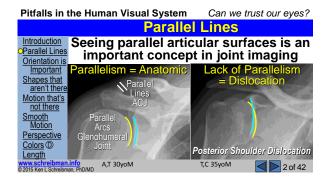
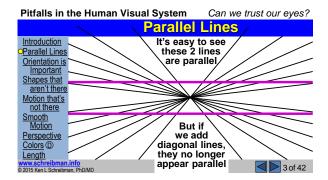
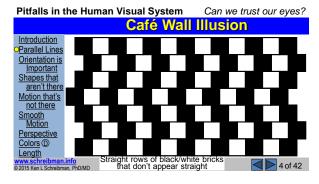
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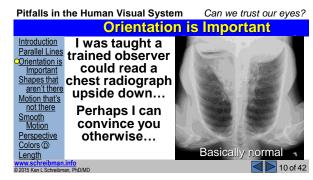


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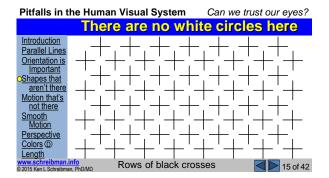


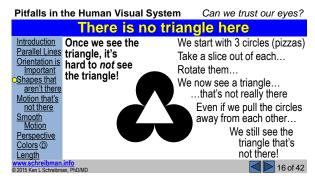


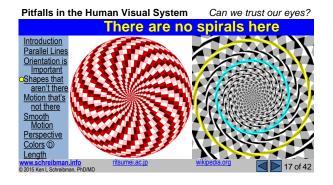
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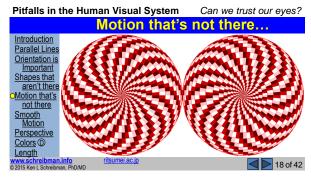




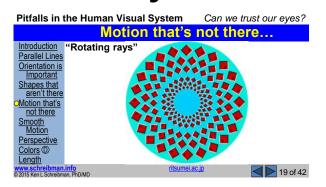


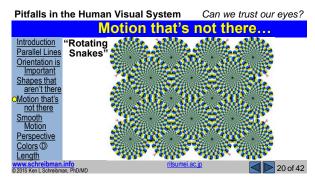


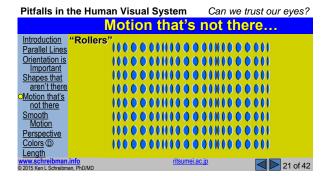


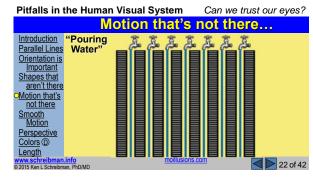


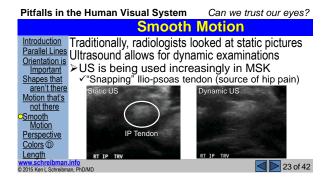
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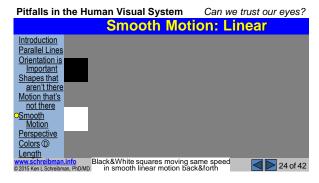




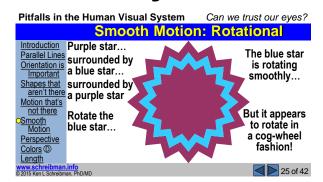


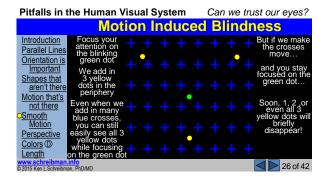


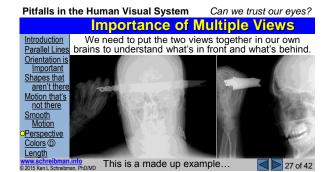




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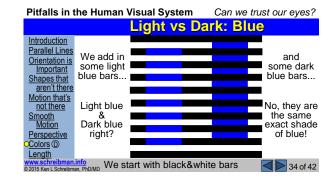


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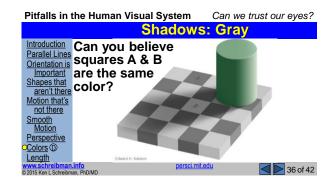




Pitfalls in the Human Visual System Can we trust our eyes? Colors that aren't there Introduction I'll add in It looks like the pink Parallel Lines some pink circles get replaced Orientation is circles... by green circles! Important Shapes that focus on it looks like there is aren't there the + a green circle Motion that's moving around a not there clock face See what Smooth Motion happens But there is NO when we green circle! (There's nothing Perspective take away Colors ® circles... green on this slide) Length an.info Focus your attention of the + 33 of 42



Pitfalls in the Human Visual System Can we trust our eyes? Light vs Dark: Grav Introduction This is a gradient. So if we change Parallel Lines the background... It contains all Orientation is It looks like the shades of gray. Important gradient changes! Shapes that Human eye cannot aren't there assess absolute Motion that's values of gray, not there only lighter or If we change only Smooth Motion darker than ½ the background Perspective background It looks like 1/2 the Colors (1) gradient changes! Black <u>Length</u> www.schreibman.info © 2015 Ken L Schreibman, PhD/MD 35 of 42



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