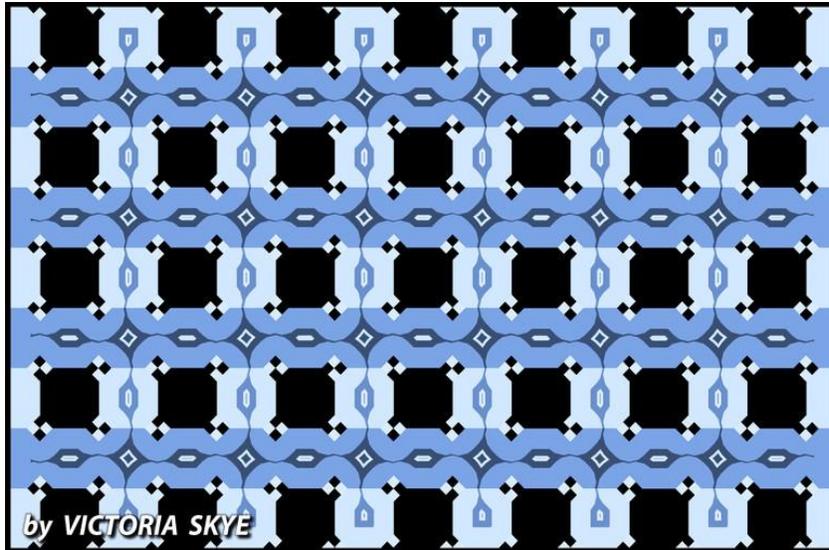


### **Duality is a illusion.**

The parallel lines in the pattern create the illusion of rows that appear to be slanted, even though they are actually straight.

The way the lines and edges interact with each other creates a conflict in the brain between the perception of the lines as straight and the perception of the rows as tilted. The brain resolves this conflict by interpreting the rows as slanted



### **The Café Wall Illusion**

All the horizontal rows shown above are all parallel. Because of the way our brain processes information, they appear slanted.

This switch from a particle to a wave is what you perceive when you look at duality with the concept of the double slit.

I have acquired permission from Victoria Skye for this illusion.

[Victoria Skye's Optical Illusions and Impossible Objects](#)

The brain cannot resolve the irrational concept of light being both a particle and a wave. In one experiment light makes a pattern and appears to be a wave, then when we try to measure its position it becomes a particle.

Because we think in terms of solids. So our brain insists a solid interaction is the only thing that can force something else to move. Thus we believe; A wave cannot make a particle to move. As we will see in this paper this is not always true.

**You may experience a Gestalt Switch when examining duality.**

The concept of a gestalt switch is significant in cognitive psychology and philosophy, particularly in discussions about perception and how we interpret visual stimuli. Research suggests that the switches are not easily controlled; individuals may find it challenging to force themselves to see an ambiguous interpretation in a different way even when they are aware of the alternative interpretation. This indicates that the underlying cognitive process involved in perception can be somewhat automatic and resistant to conscious influence.

This paper on duality leads us to believe now the internal structure of all solids are composed of waves.