

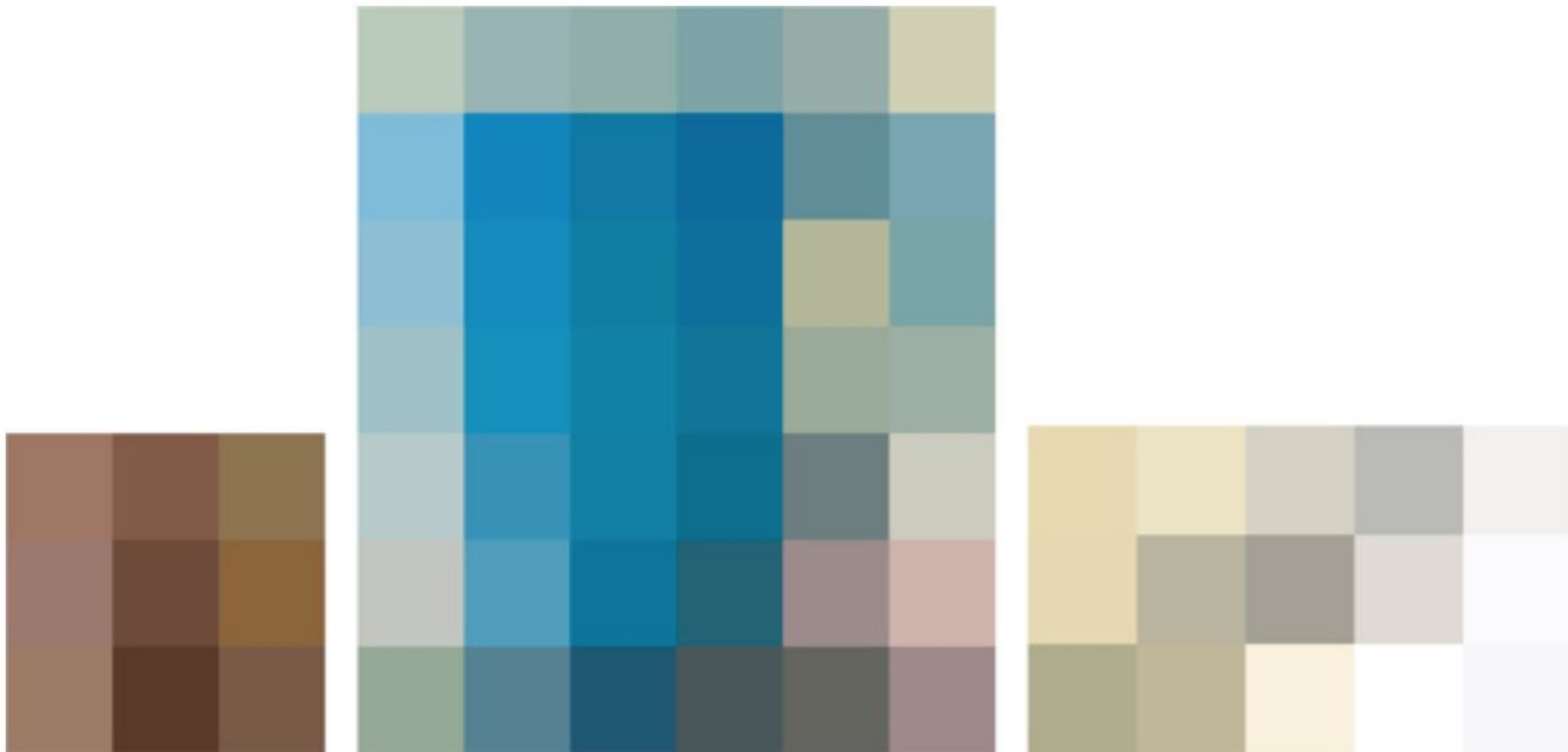
Looking at Images

Making sense of pixels

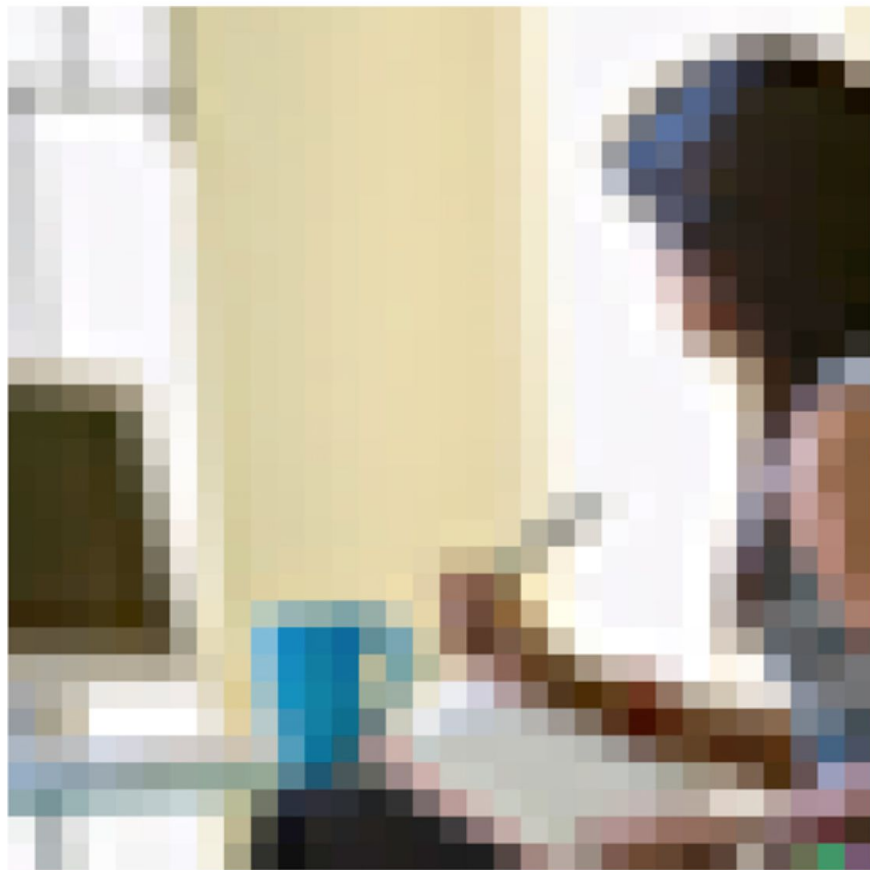
Making sense of pixels



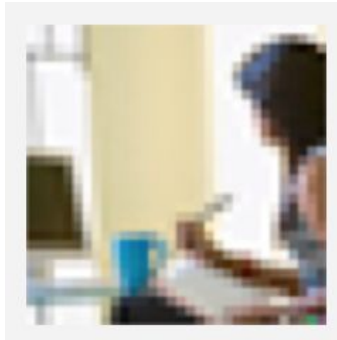
Making sense of pixels



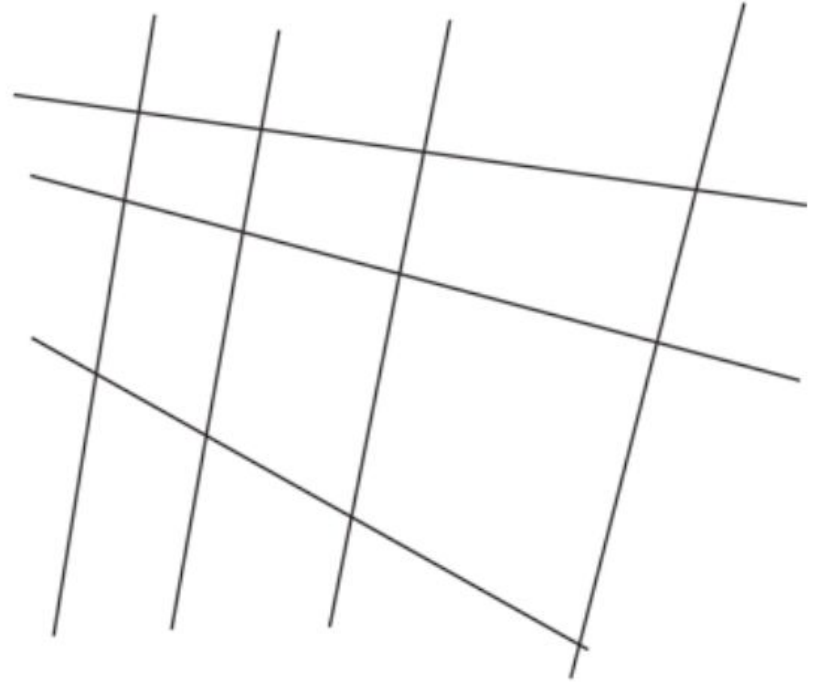
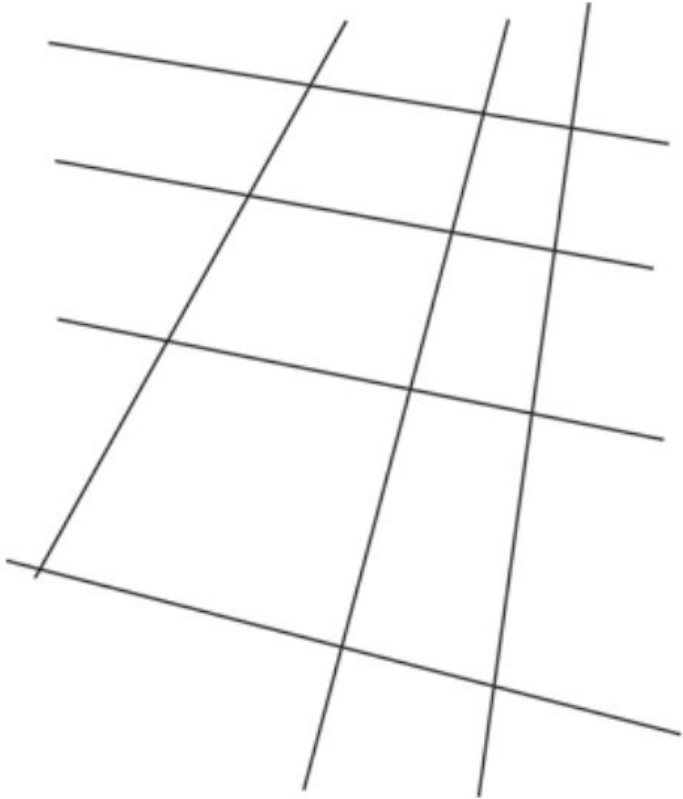
Making sense of pixels



Making sense of pixels



Horizontal or Vertical?



Principle of continuity

“if you see smooth, continuous line segments you assume that they lie on a single object because it's quite a coincidence for two objects to line up just so their contours perfectly align.”

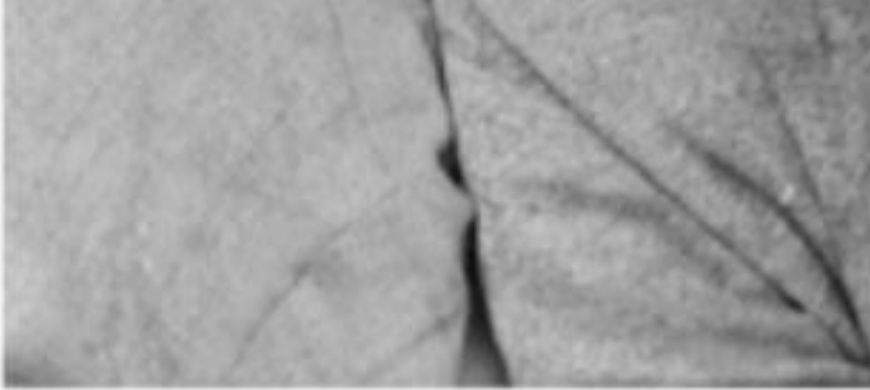
Principle of continuity. In the following drawing, we see one wave and one line:



Despite this, other groupings are also possible.



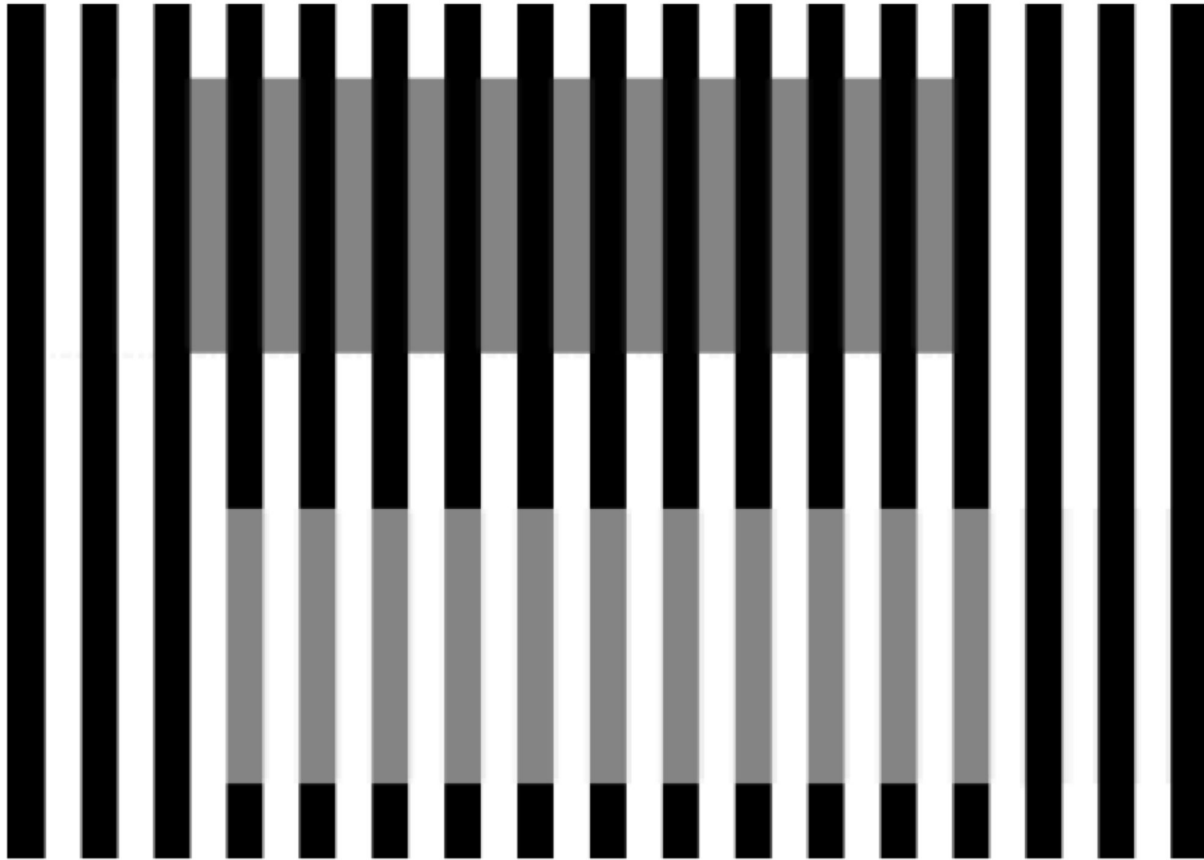
Principle of continuity



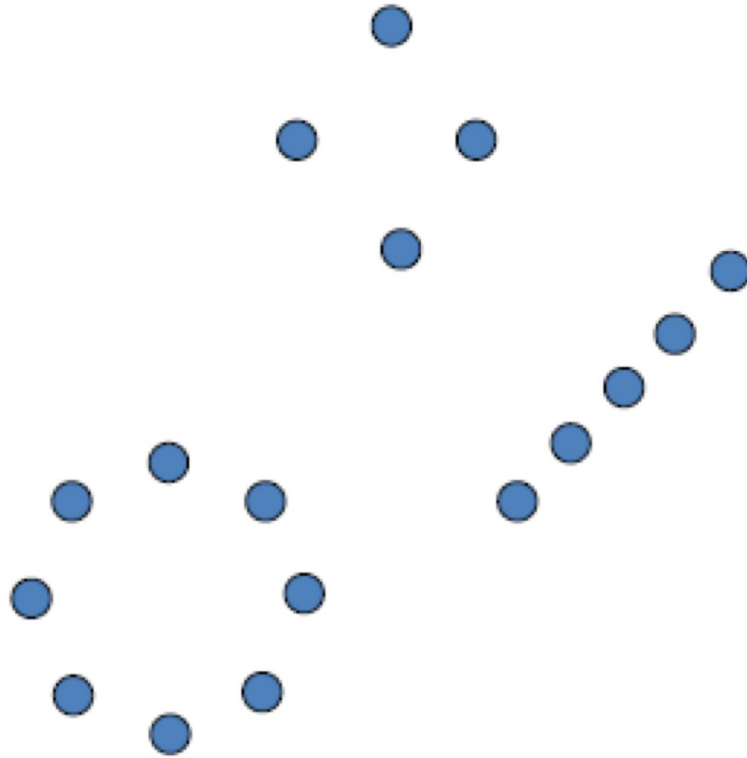
Principle of continuity



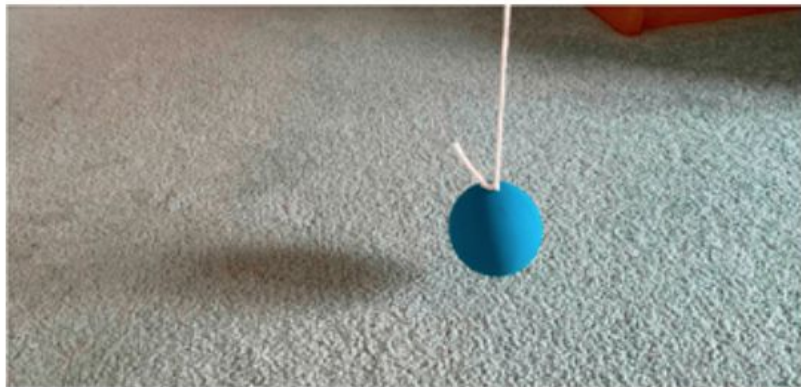
Principle of continuity



Principle of continuity



Cues



(a)



(b)



References

1. Foundations of Computer Vision - Chapter 3