

# Visual Intelligence

Donald D. Hoffman · Notes by Owen Jow

## 2. Inflating an Artist's Sketch

- **Foreshortening** refers to variation in the projected length of a line according to its angle with a viewer's line of sight. The smaller the angle between a line and the line of sight, the shorter the projected length of the line.

A line will have its longest projection when it is perpendicular to the line of sight, and its shortest projection (just a dot) when it points directly along the line of sight.

## 8. Peeking Behind the Icons

*“All phenomena are constructed by observation, whether quantum phenomena or volleyball phenomena.”*

- We construct everything we sense (everything we see, everything we feel, etc.). This has been shown by many examples and discussions throughout the book.
- A volleyball has no position when it is not observed, just as an electron is in a superposition of many possible states when it is not observed.

## References

- [1] D.D. Hoffman. *Visual Intelligence: How We Create What We See*. W.W. Norton, 1998.