

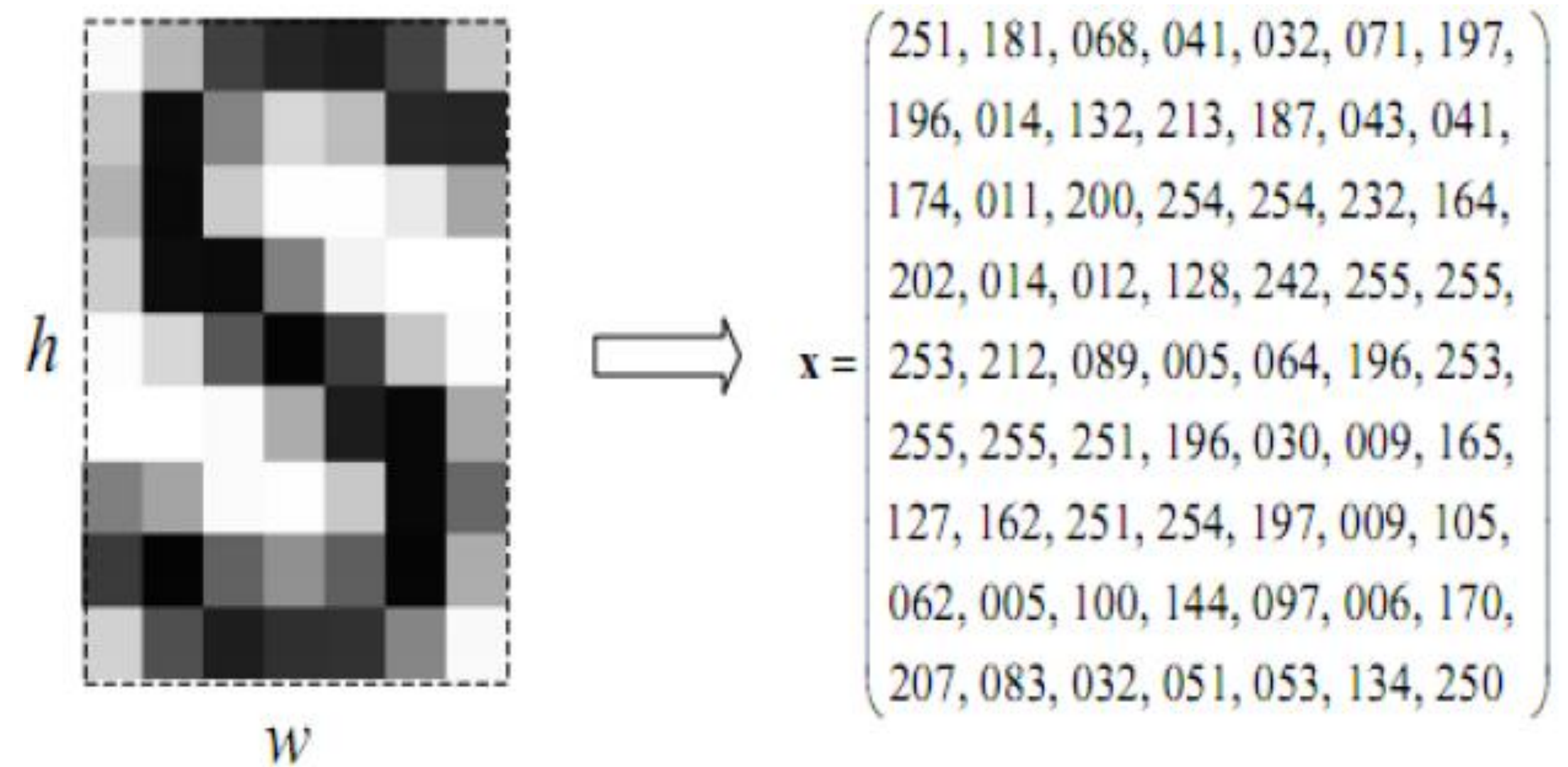
Biology to ML models

- ML models rely on numeric data -> how do we translate biological constructs to numbers?
- Key is transforming unstructured data into information-preserving, numerical representations
 - Image data representation
 - Language data representation

Image data

Representing greyscale images

- Greyscale images can be represented as a 2-dimensional array of pixel (ie. light) intensity



https://www.researchgate.net/figure/The-pixel-matrix-feature-extraction-method_fig2_284003940