

Typeface Space

Sam Magid, Thesis Proposal (Spring 2025)

Times New Roman

Courier New

Futura

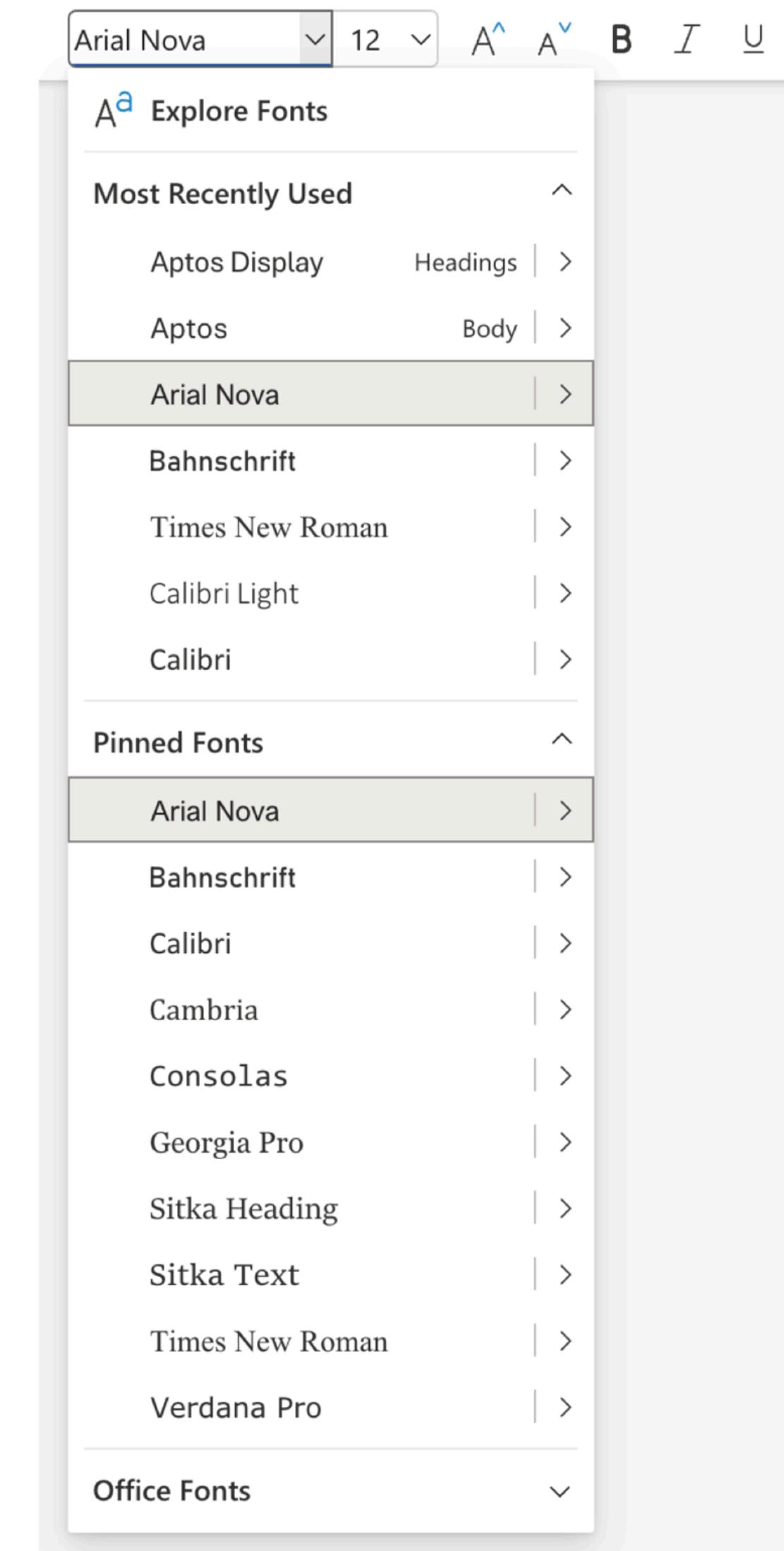
typeface: a collection of characters in a consistent style

Papyrus

Georgia

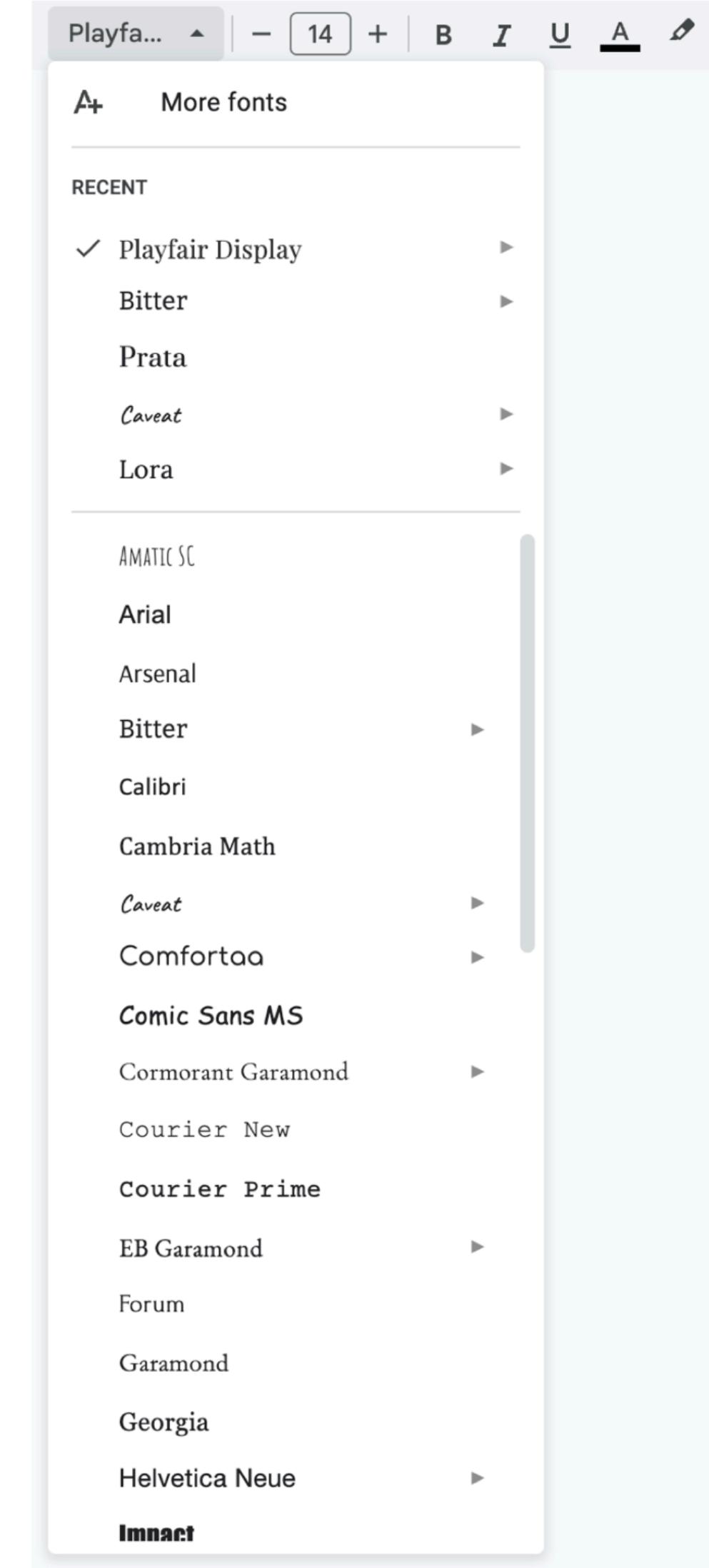
Comic Sans

issue: there are a *lot* of typefaces, and not many good ways to choose between them



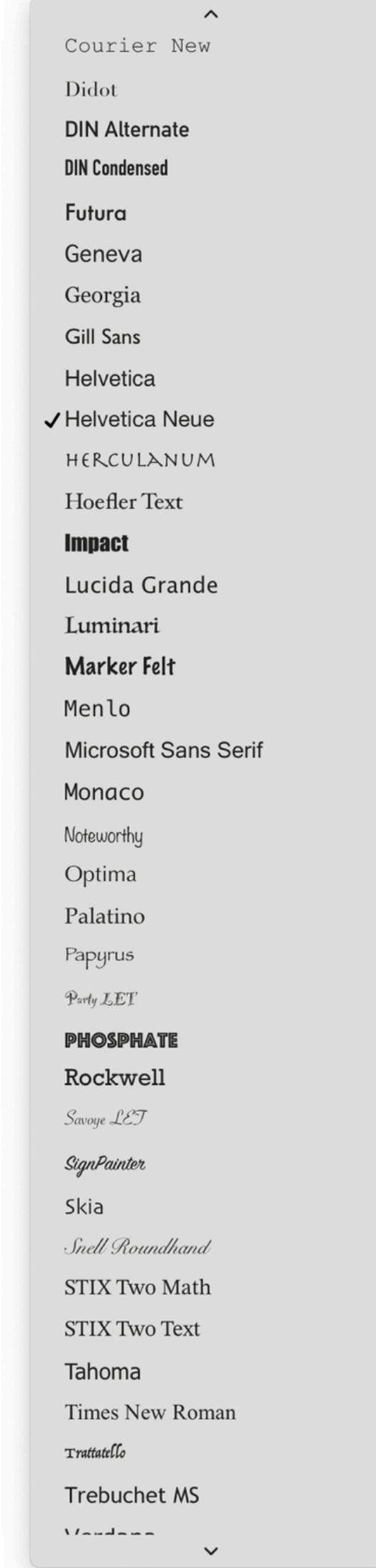
Microsoft Office

background



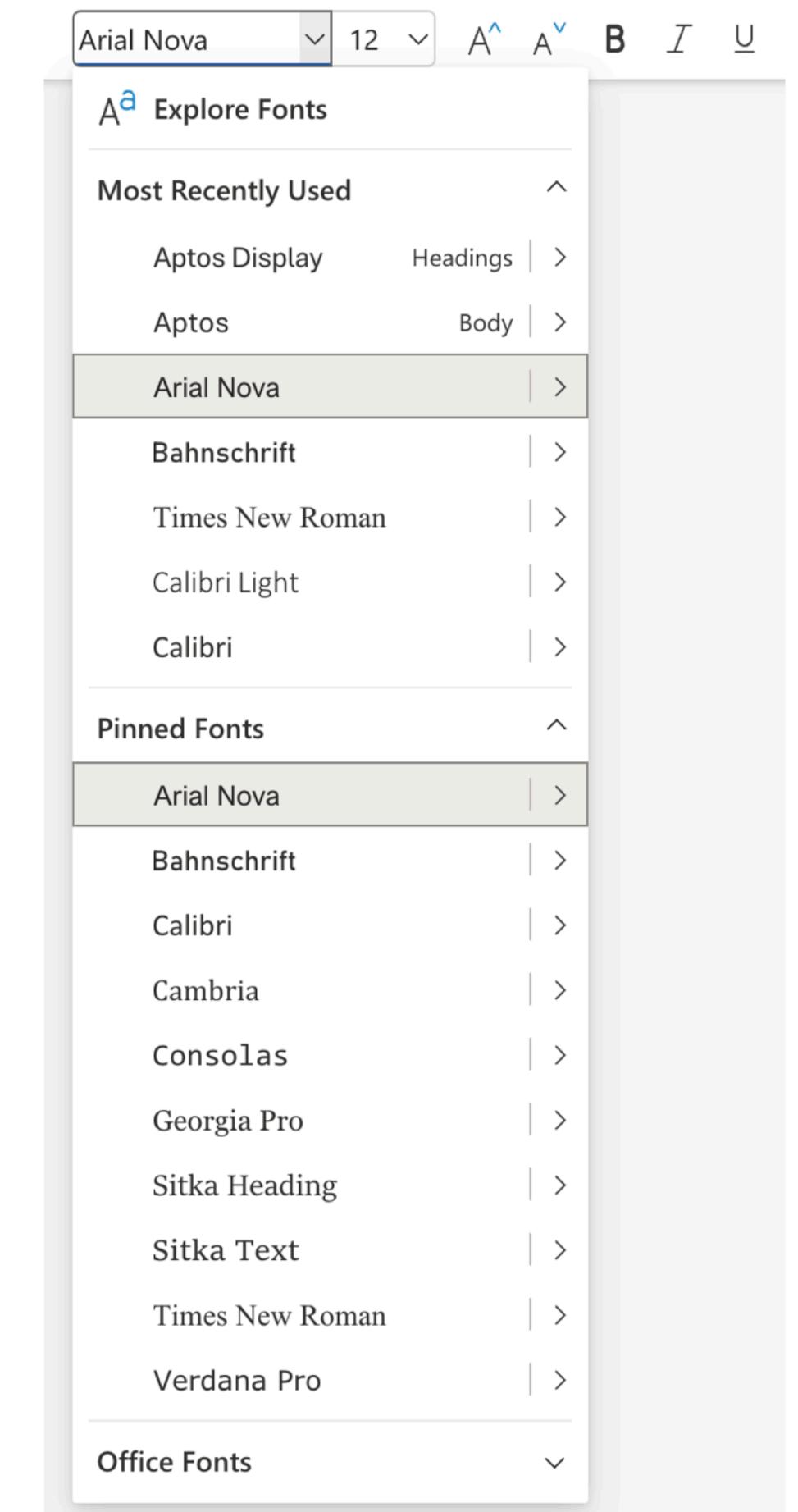
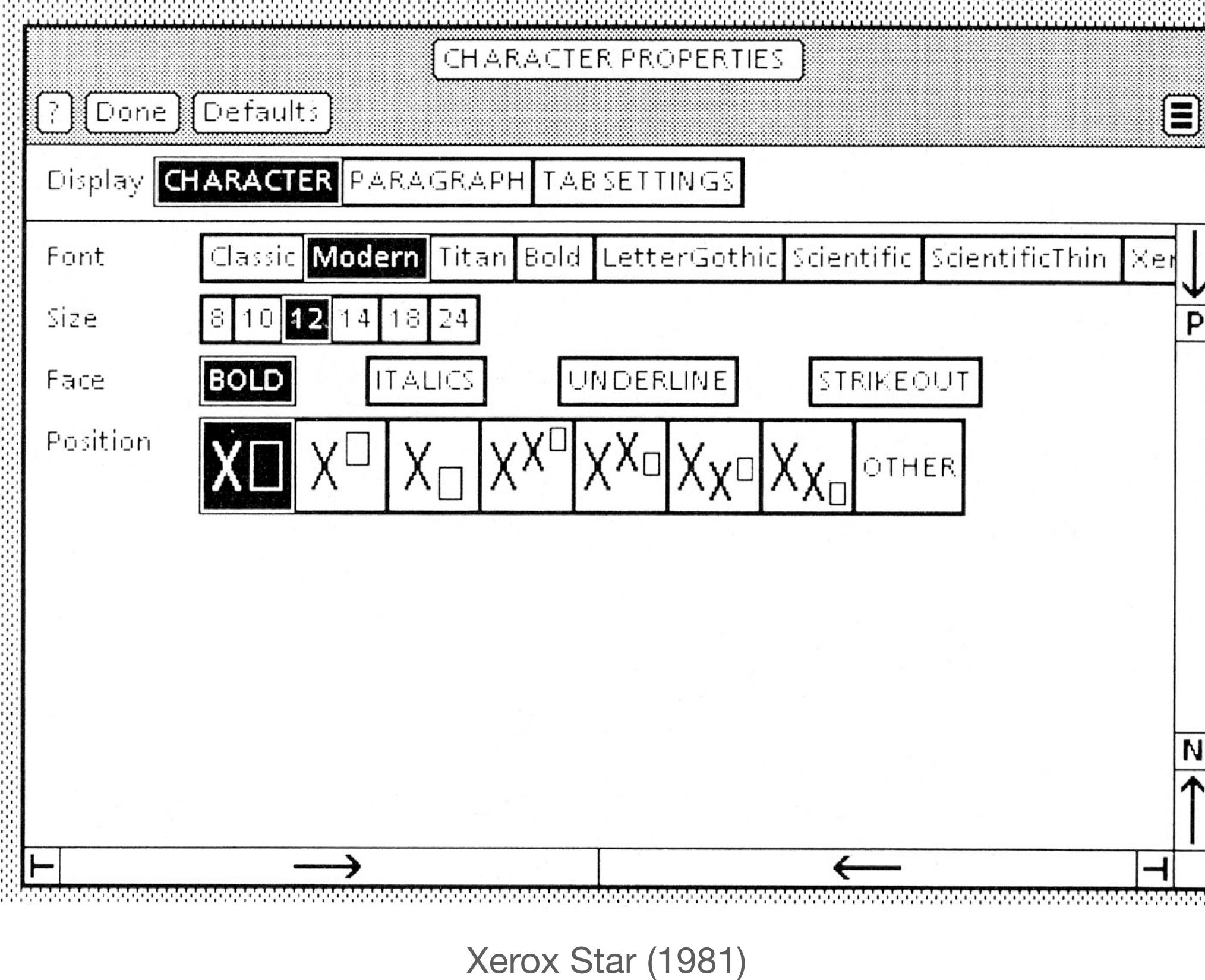
Google Docs

my work

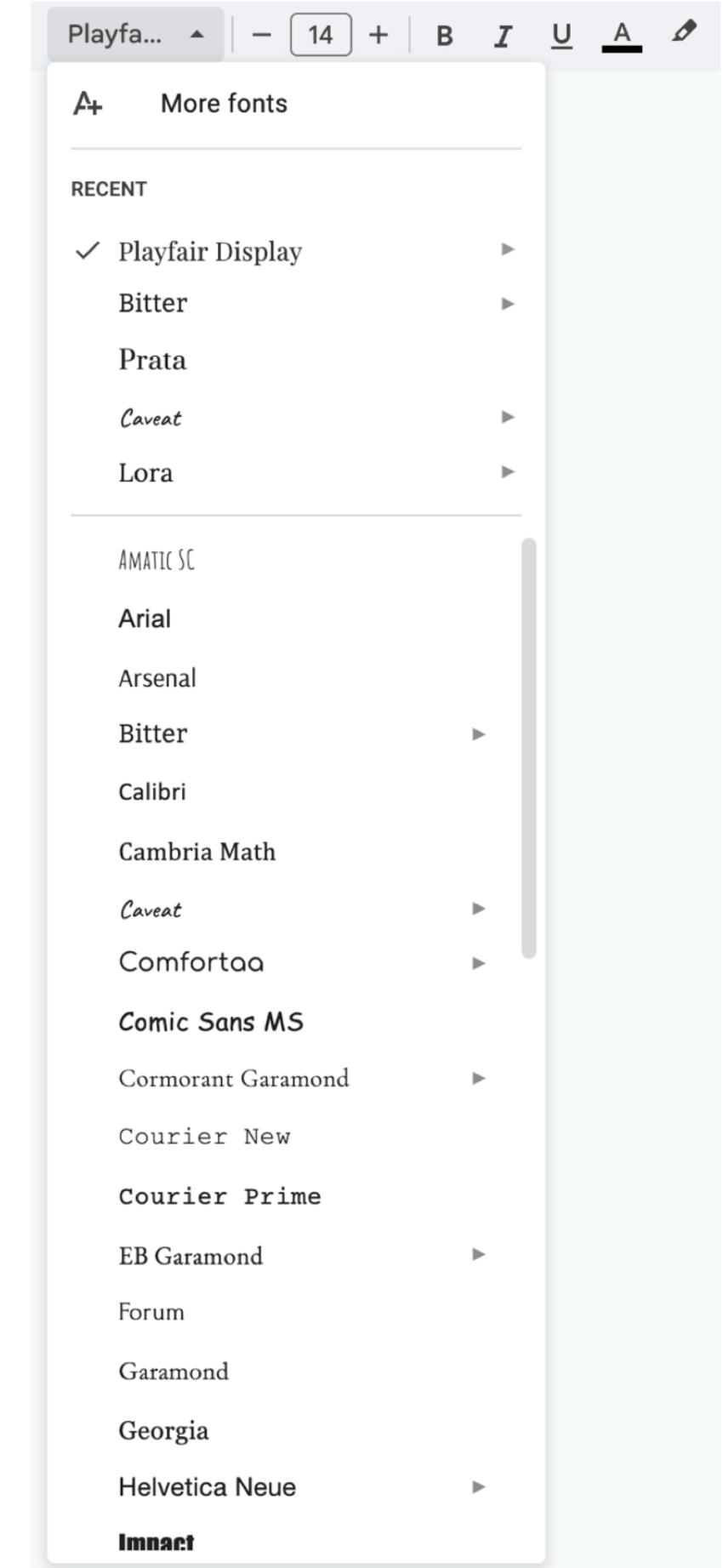


Apple Pages

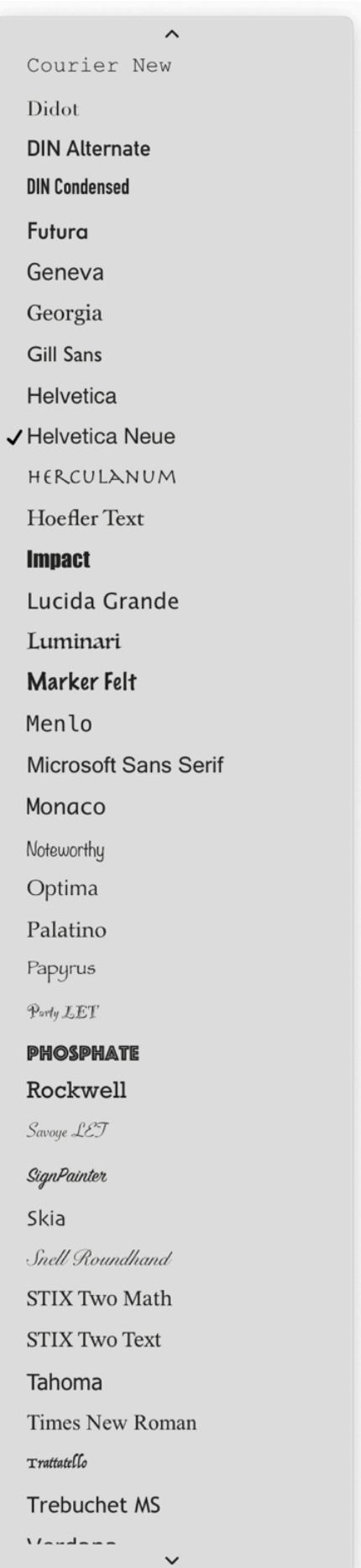
going forward



Microsoft Office



Google Docs

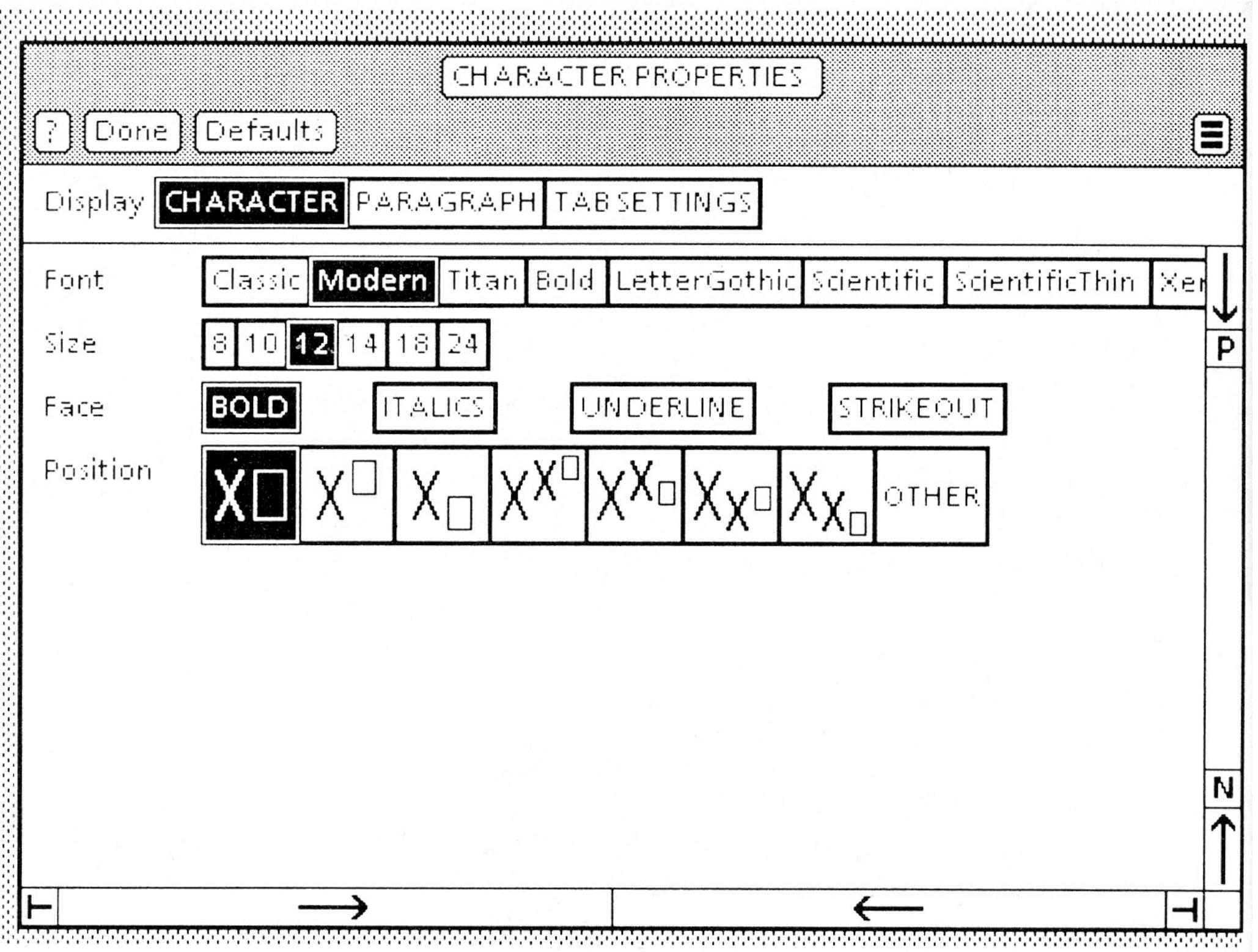


Apple Pages

background

my work

going forward



Xerox Star (1981)

>700

>1700

64

Microsoft Office

Google Docs

Apple Pages

background

my work

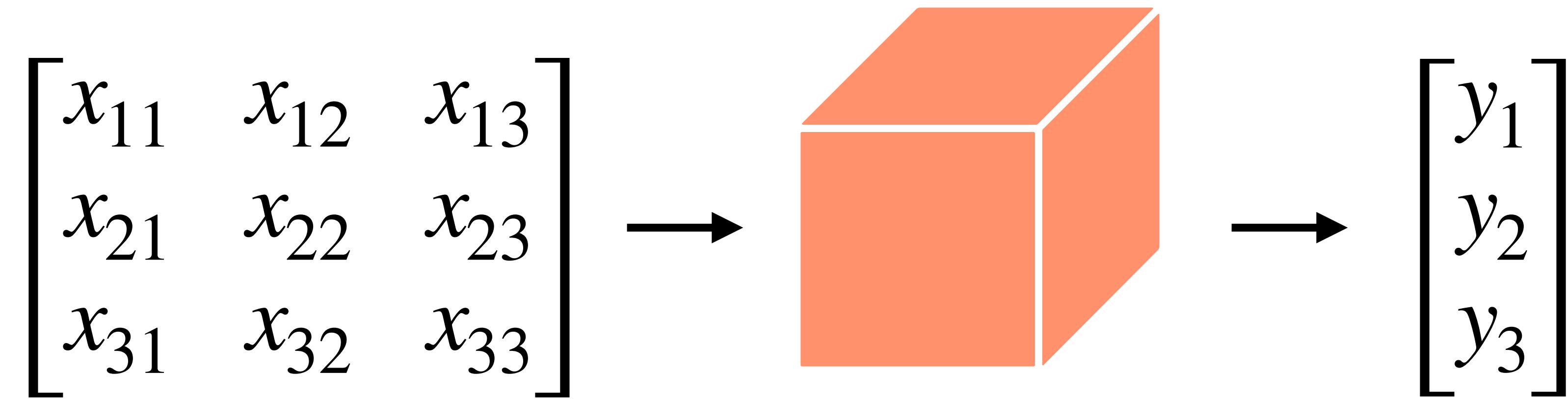
going forward

hypothesis: neural networks might help create useful user font selection tools

neural network: a series of matrix multiplications* trained
to produce a desired output from given input data

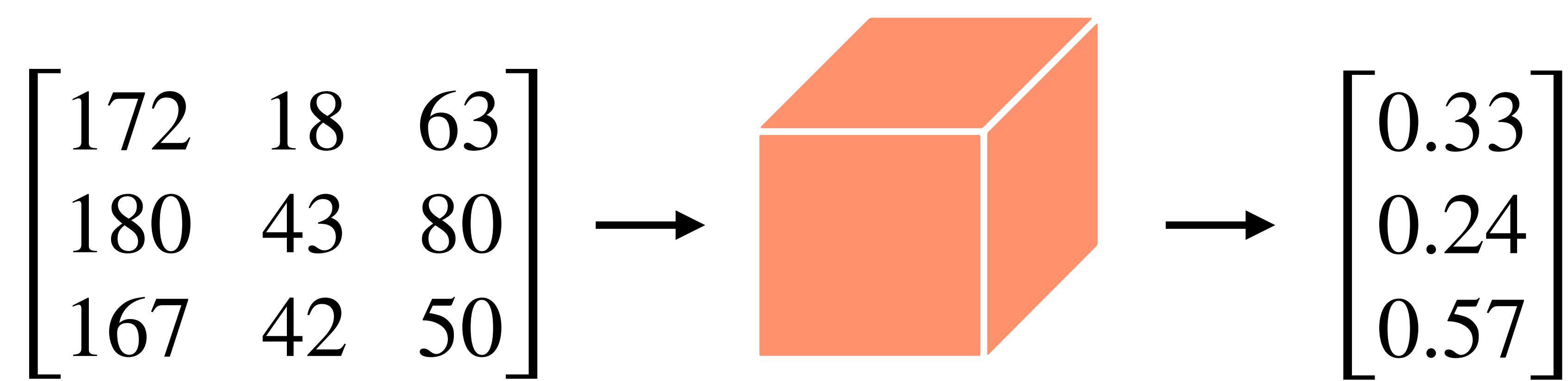
*and non-linear functions

neural network: a series of matrix multiplications* trained
to produce a desired output from given input data



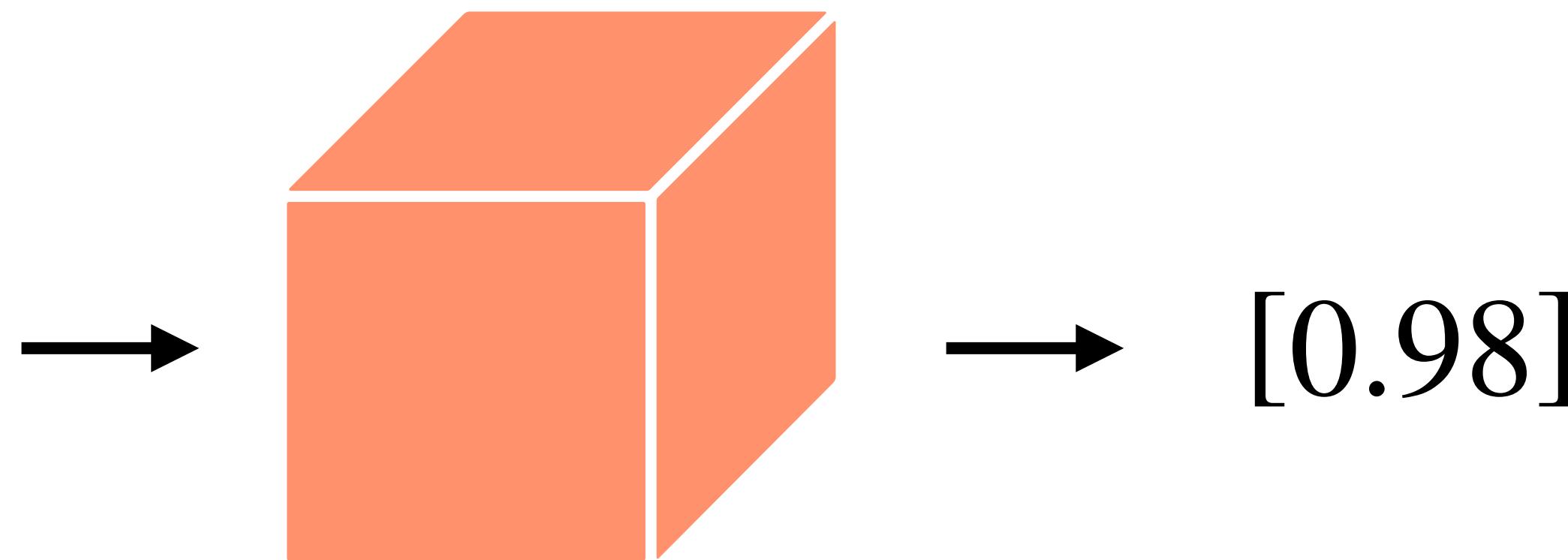
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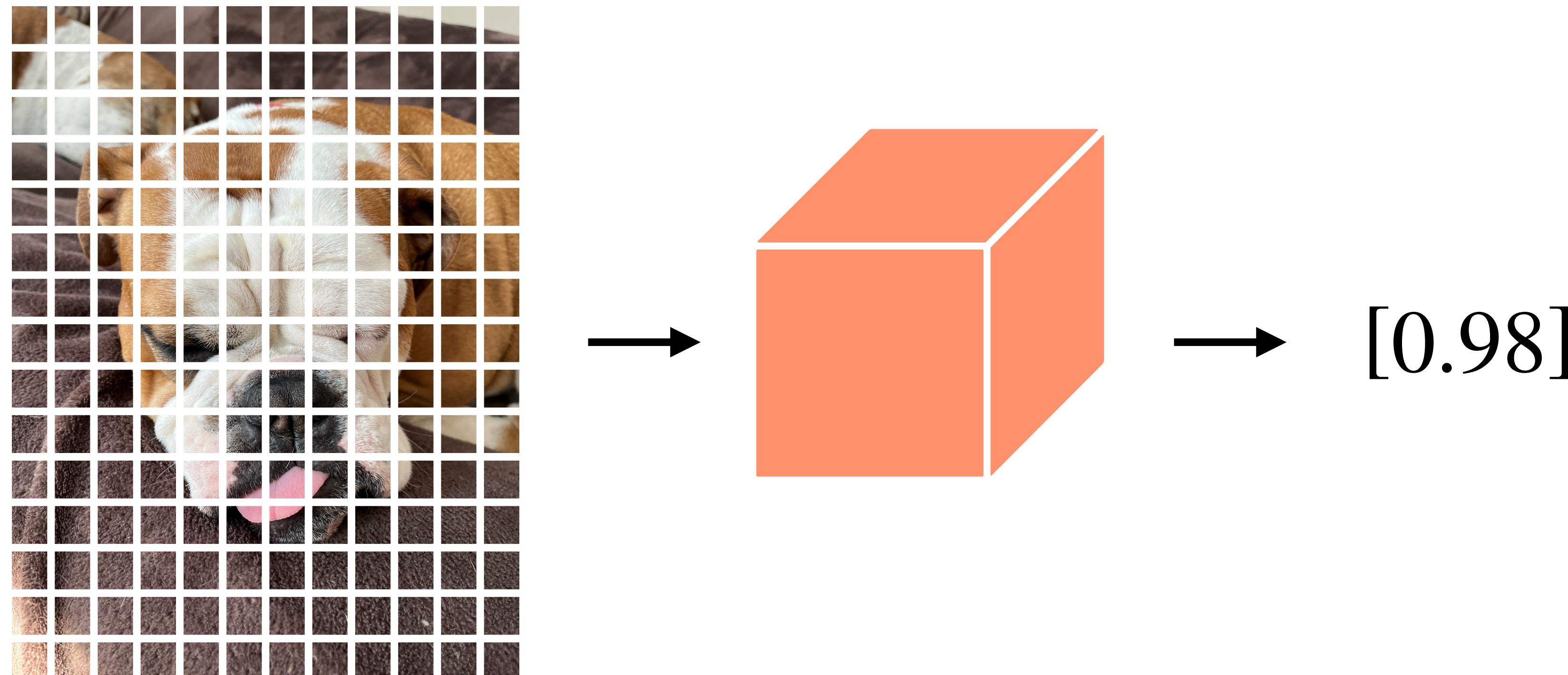
*and non-linear functions

background

my work

going forward

neural network: a series of matrix multiplications* trained
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*and non-linear functions

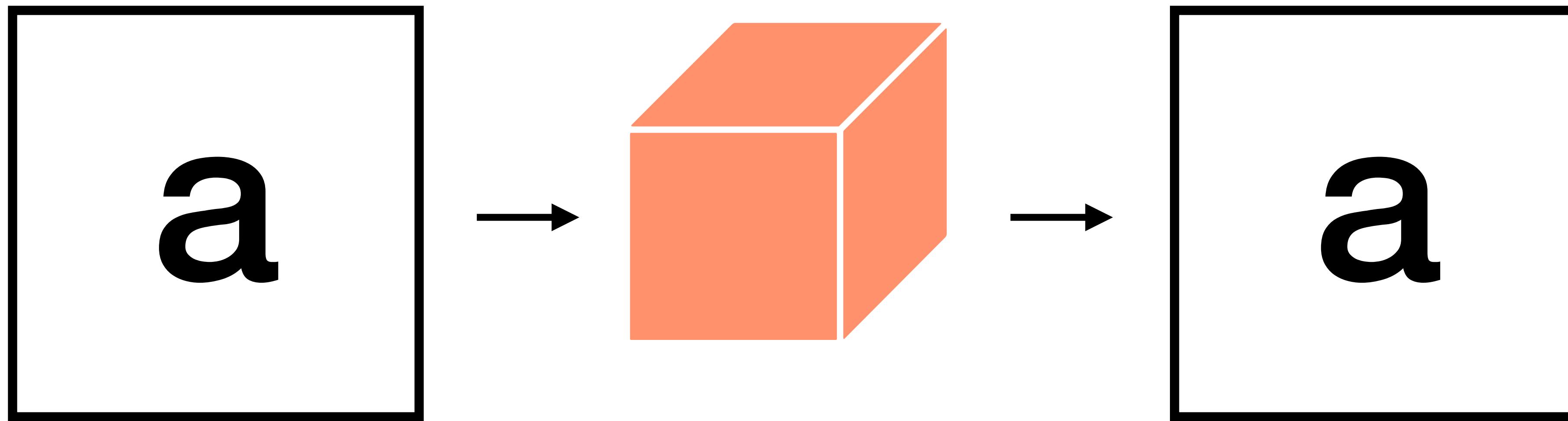
background

my work

going forward

neural networks can also *distill* information

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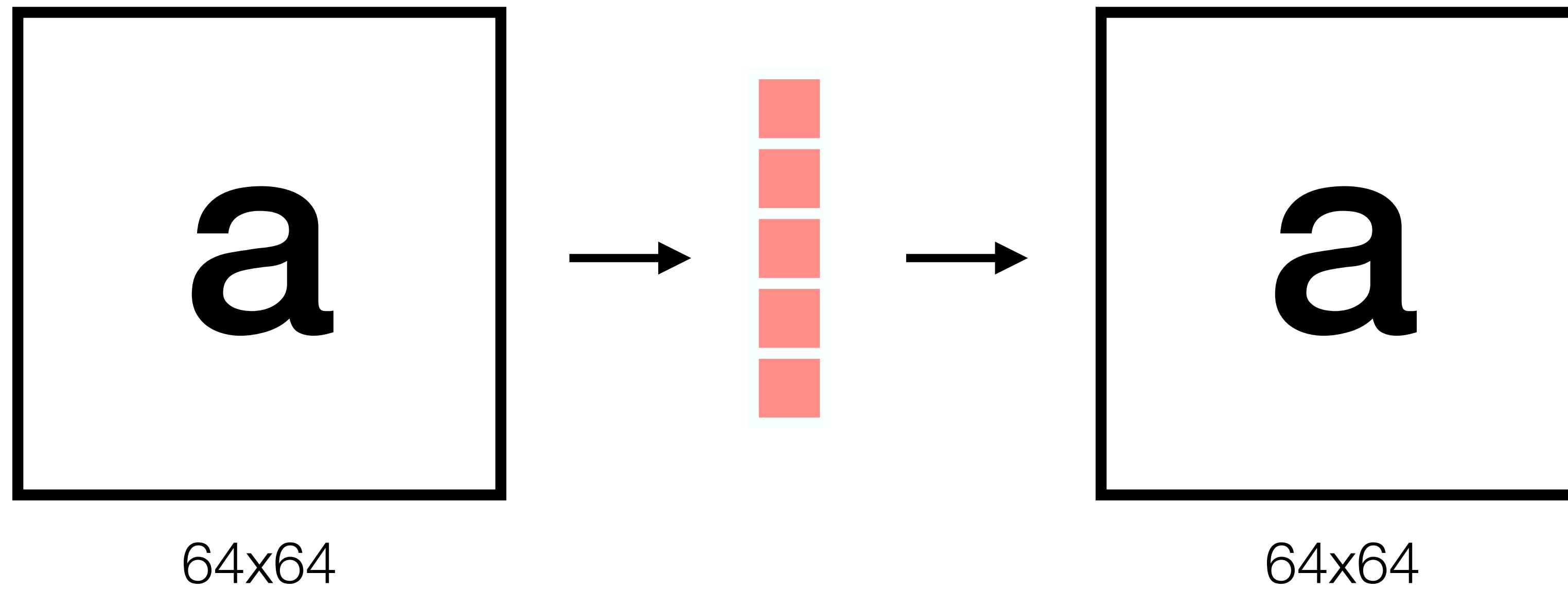


background

my work

going forward

neural networks can also *distill* information

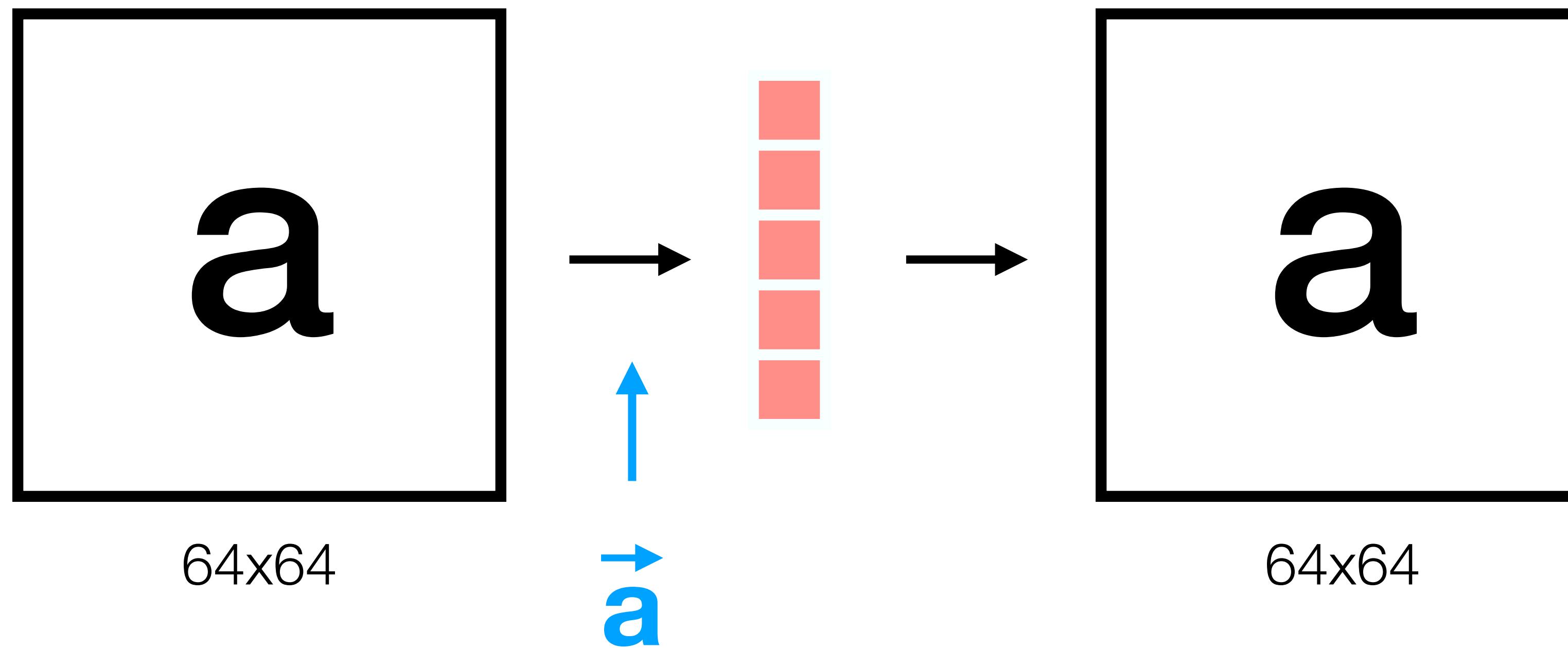


background

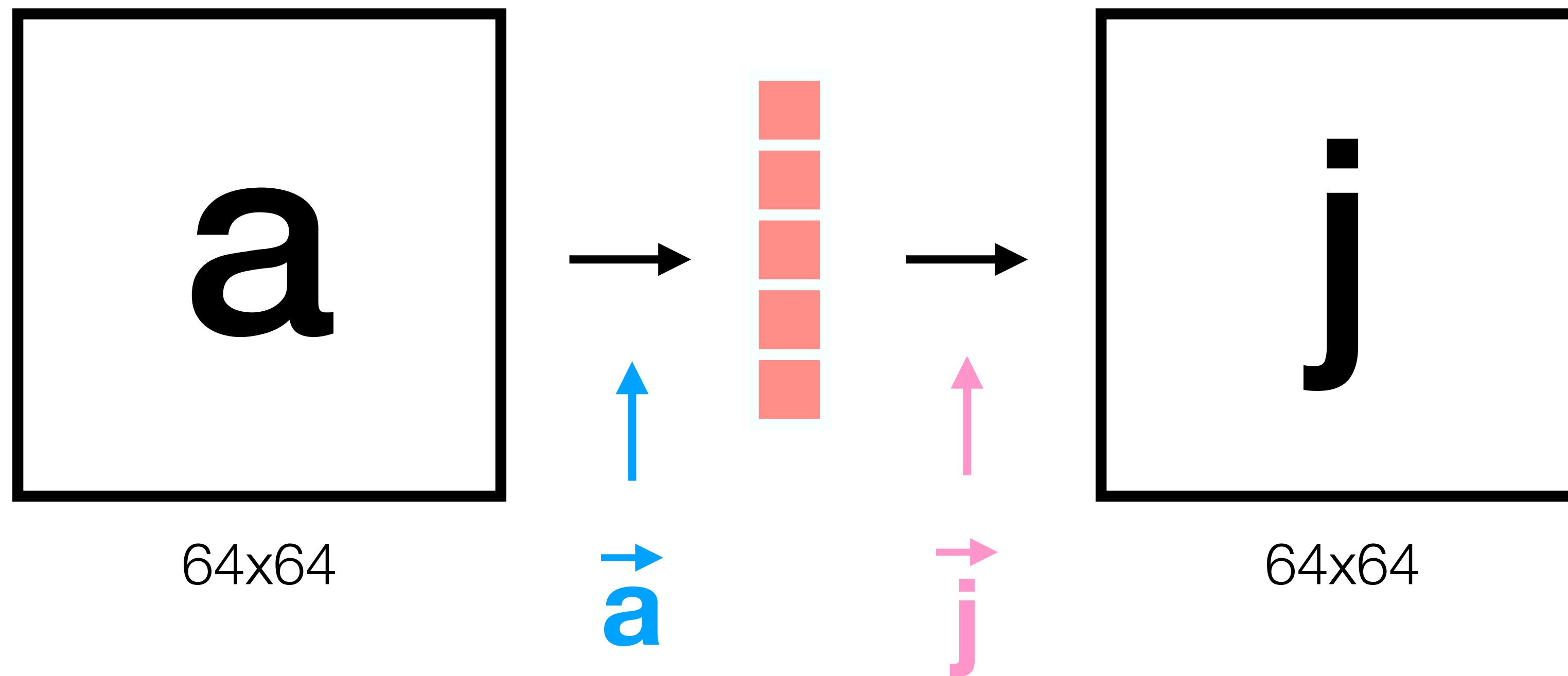
my work

going forward

neural networks can also *distill* information



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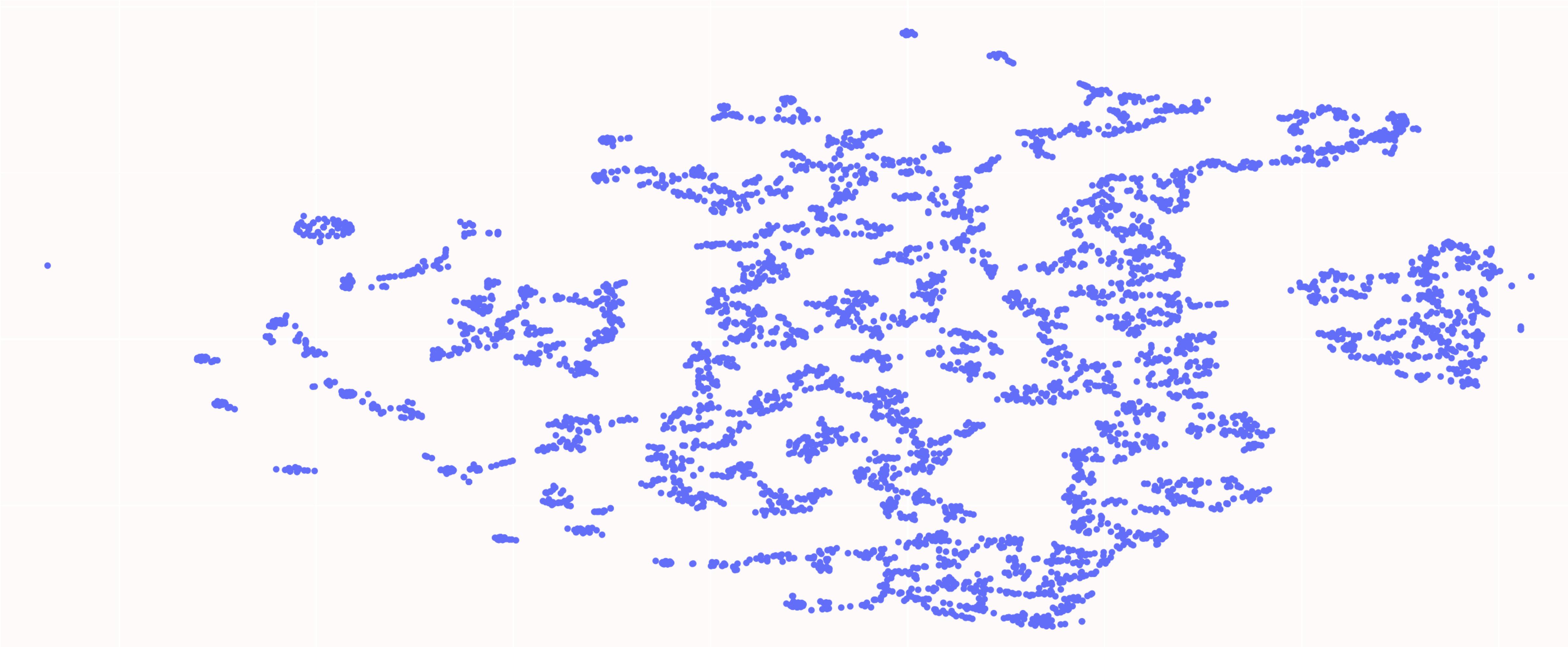


background

my work

going forward

neural networks can also *distill* information



background

my work

going forward

improve model

user tools

what's next?

evaluation

actually writing my thesis