

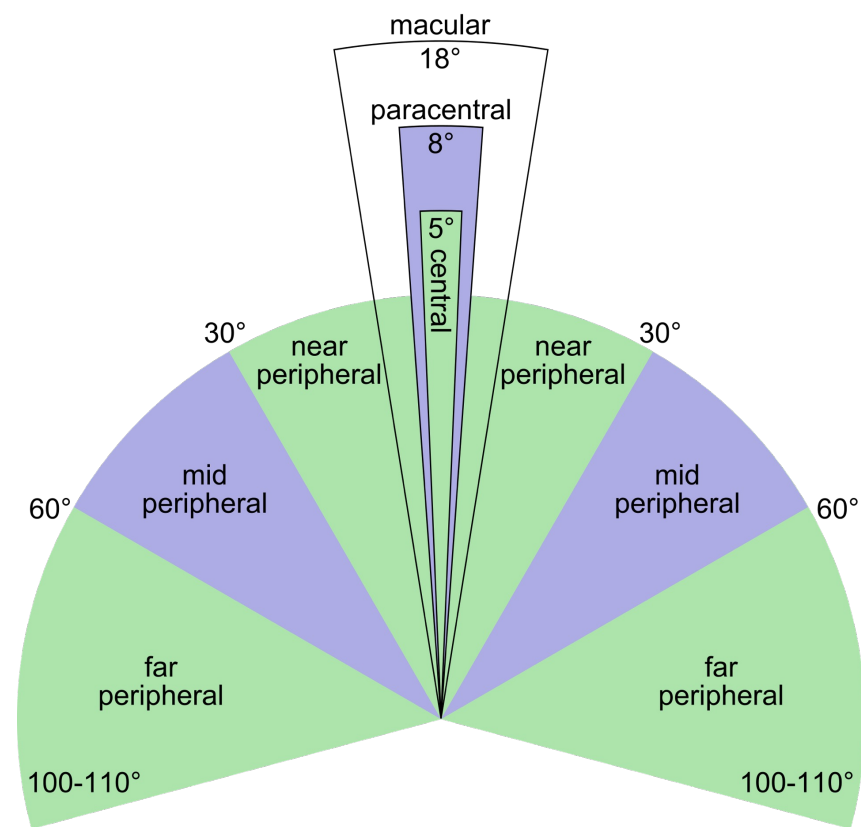
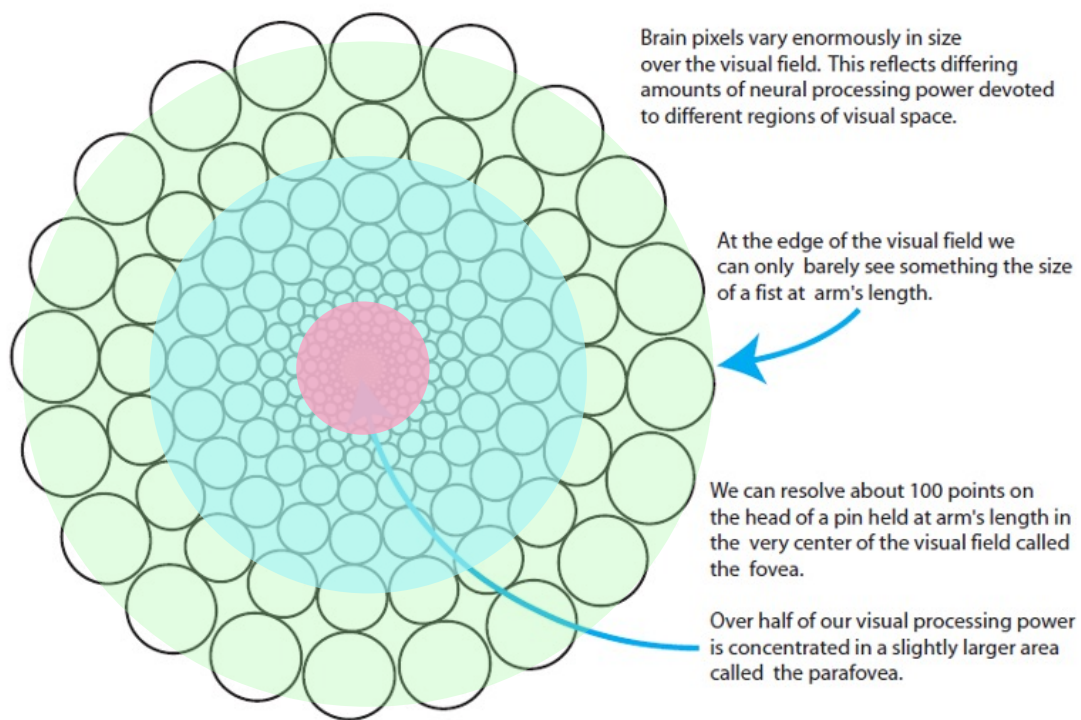
Focus + Context

Why is it effective?

I

Focus + Context

Why is it effective? → Peripheral Vision



Focus + Context

Why is it effective?



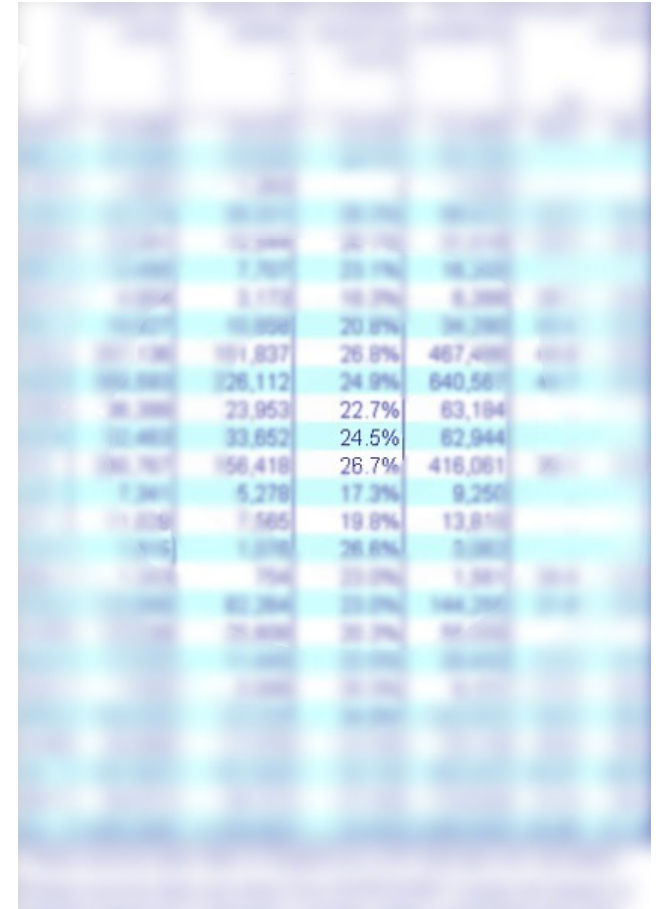
Focus + Context

Why is it effective?

→ Leverages our understanding of human visual focus

4

→ Aggregate information outside of the user's focus, which would have melted into the periphery anyway



Focus + Context

How?

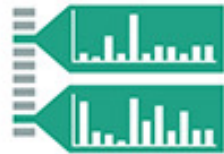
5

Focus + Context

How?

→ Embed

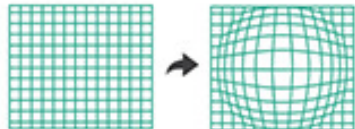
→ Elide Data



→ Superimpose Layer



→ Distort Geometry



Focus + Context

How?

→ Elide Data



7



<http://bl.ocks.org/mbostock/4339083>

Focus + Context

How?

→ Superimpose Layer



Magic Lens

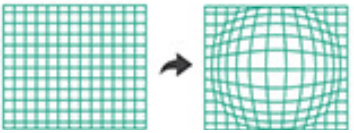


https://www.youtube.com/watch?v=uIPq_o67wvI

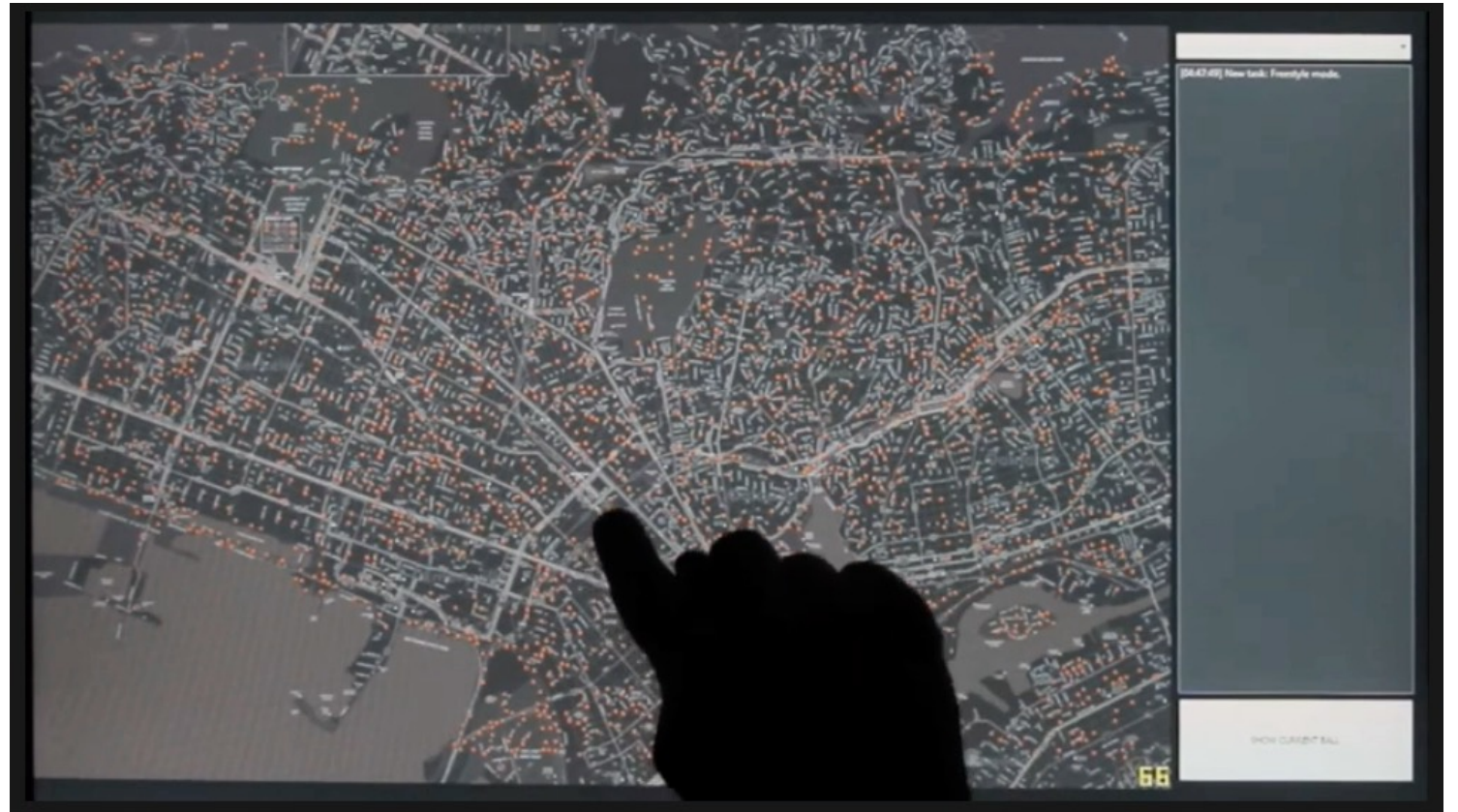
Focus + Context

How?

→ Distort Geometry



FingerGlass

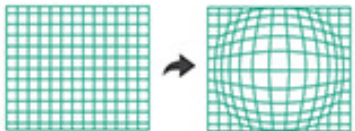


<https://www.youtube.com/watch?v=TzfXNIJtxFg>

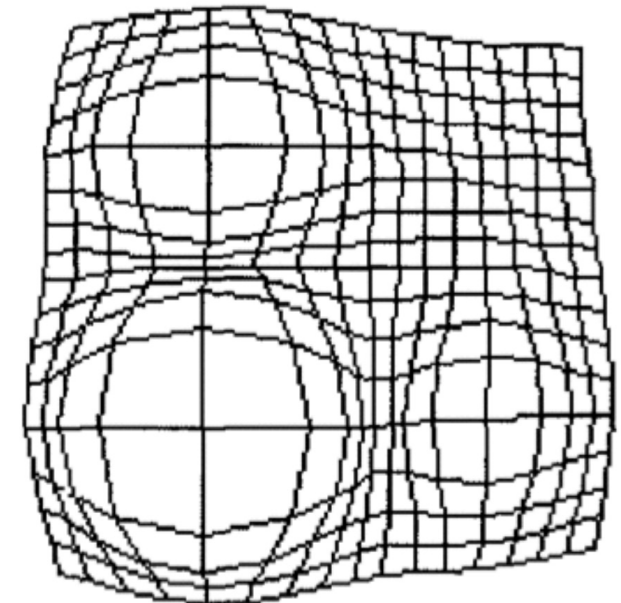
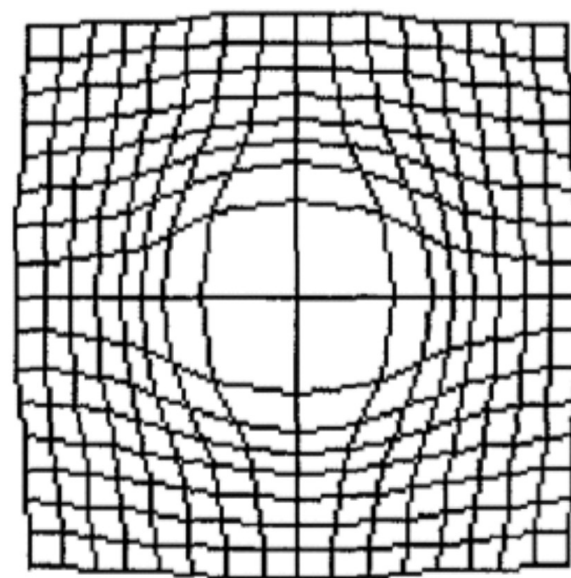
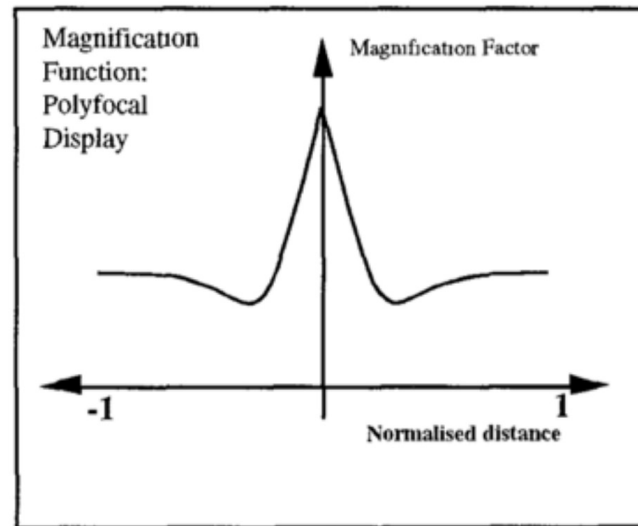
Focus + Context

How?

→ Distort Geometry



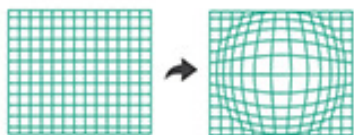
Fisheye Lens



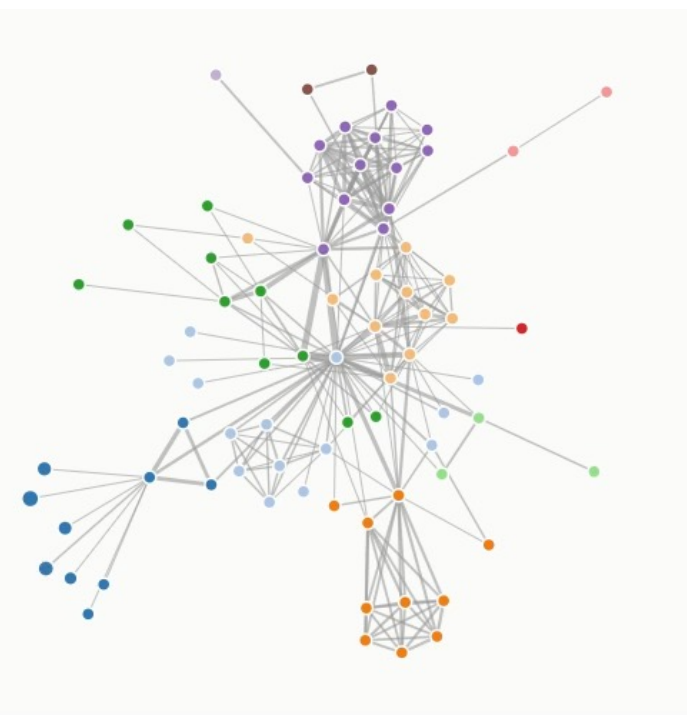
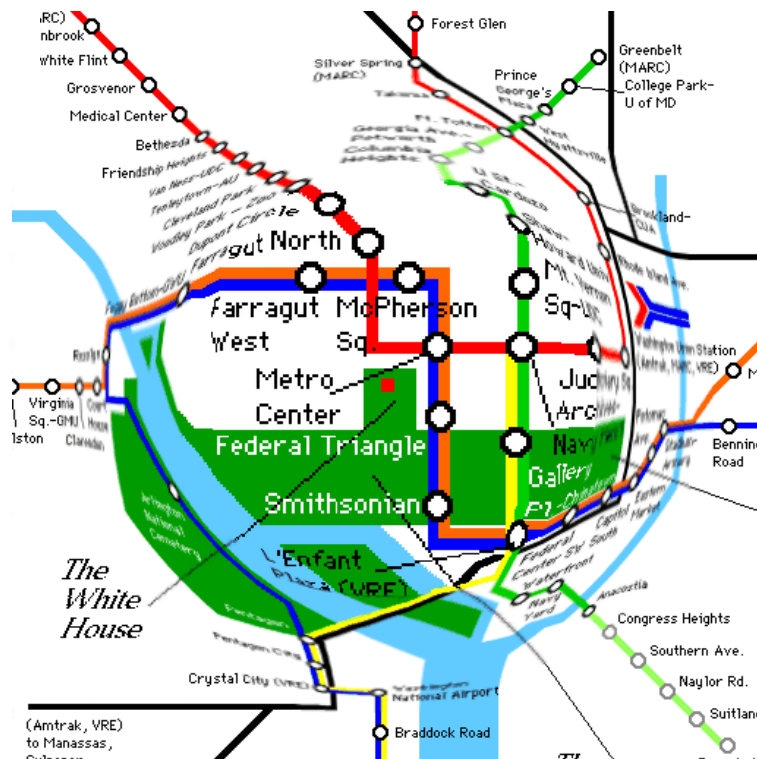
Focus + Context

How?

→ Distort Geometry



Fisheye Lens



<http://www.cs.umd.edu/class/fall2002/cmsc838s/tichi/fisheye.html>

<https://bost.ocks.org/mike/fisheye/>

Summary

Today we:

- Reviewed Filtering and Aggregation
- Reviewed Focus+Context Designs

12

ic-11 is DUE today.

pm-02 is OUT today.