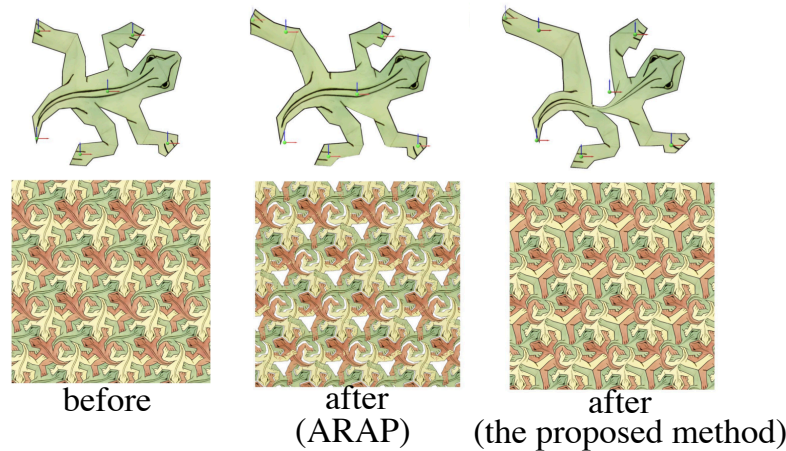


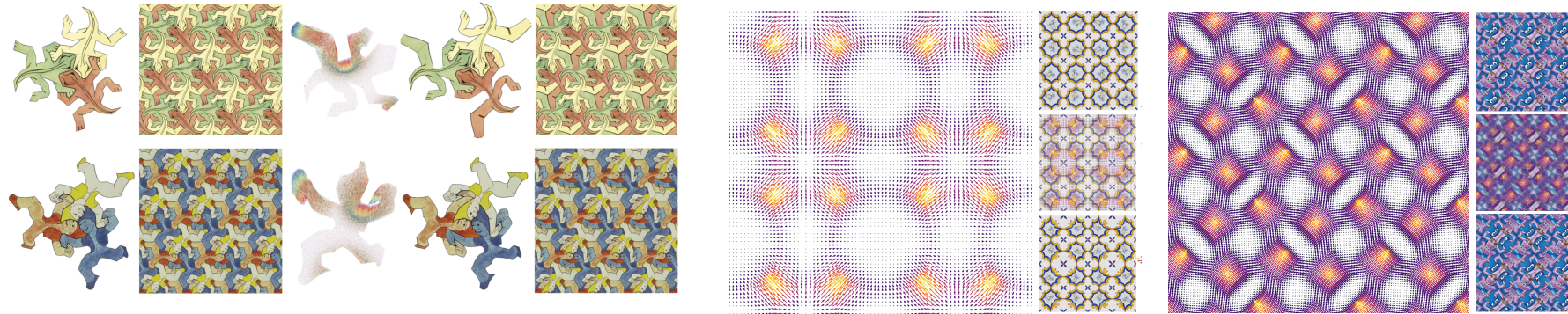
Project Goal

- Inputs:** tessellation + point handle control
- Outputs:** deformed tessellation
- Constraints:**
 - tileability (no gap/overlap)
 - respecting user input

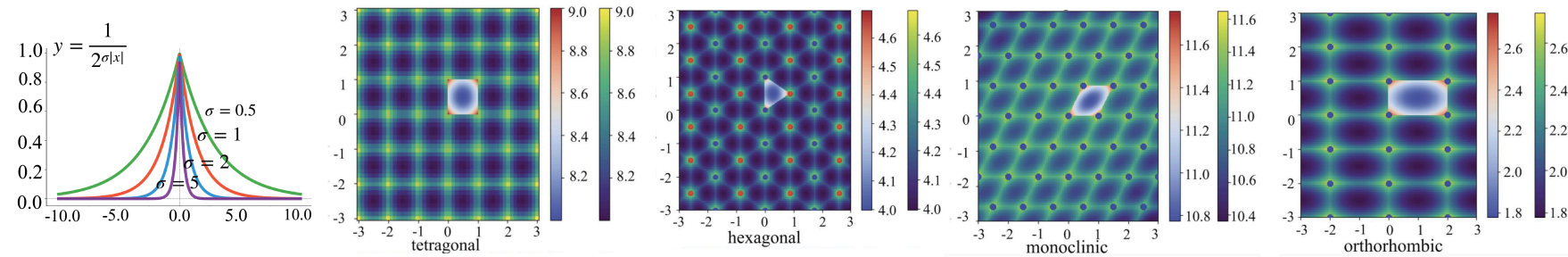


Key Ideas

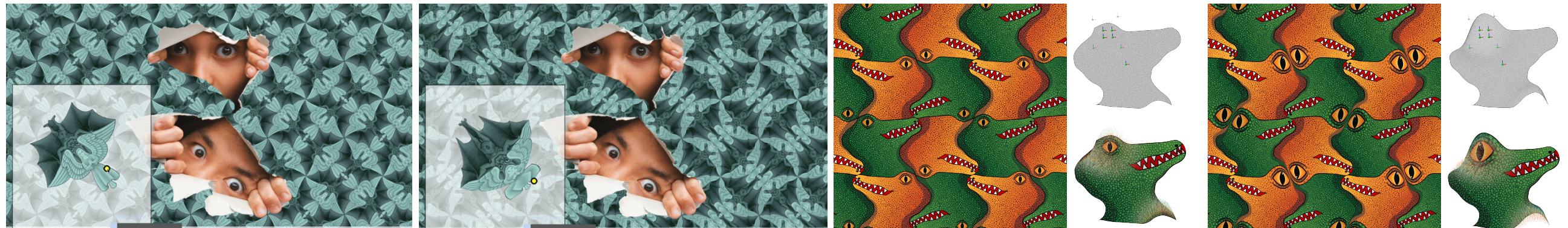
- The displacement fields needs to be periodic functions.



- Mathematical series is employed to integrate the guidance field analytically.



Results



Interesting Unsolved Problem!

Examples: If I feed a *442 pattern into a 442 deformer, I get a 4*2 as result.

If I feed a 4*2 into a 2222 deformer, I get a *2222 as result.

A thorough theory and the corresponding software for symmetry downgrading using the concept of group and subgroup is yet to be proven and created.

