Pekka Pankka
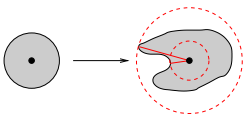
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All things quasiconformal (in dimensions ≥ 3)

- dimension $n = 2$: Good existence theory for (quasi)conformal maps.
- dimensions $n \geq 3$: "No" existence theory.

- Quasiconformal non-uniformization
  - Regularity of wild homeomorphisms
- Mapping problems: Picard, Liouville,...
  - Piecewise linear constructions
  - Cohomological obstructions
- Uniformly quasiregular dynamics
- Branched quasisymmetries, fillings/extensions, quasiregular curves,...