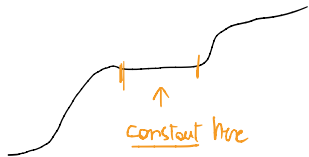


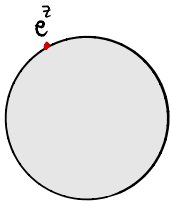
①



This is a counterexample for F not locally invertible.

②

$z \mapsto$



This is a counterexample for F not proper