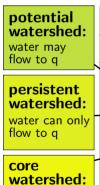
flow computations on imprecise terrains

Anne Driemel
Maarten Löffler

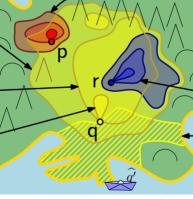
Herman Haverkort Rodrigo Silveira

uncertain elevations ---- uncertain flow of water



water must

flow to a



 $p \in PotWS(q)$ does *not* imply $PotWS(p) \subseteq$ PotWS(q)on regular terrains

on regular terrains $r \in \text{PerWS}(q)$ implies $\text{PerWS}(r) \subseteq \text{PerWS}(q)$

potentially downstream: water from q may flow here

triangulated surface:



flow network:

O(n log n) time

