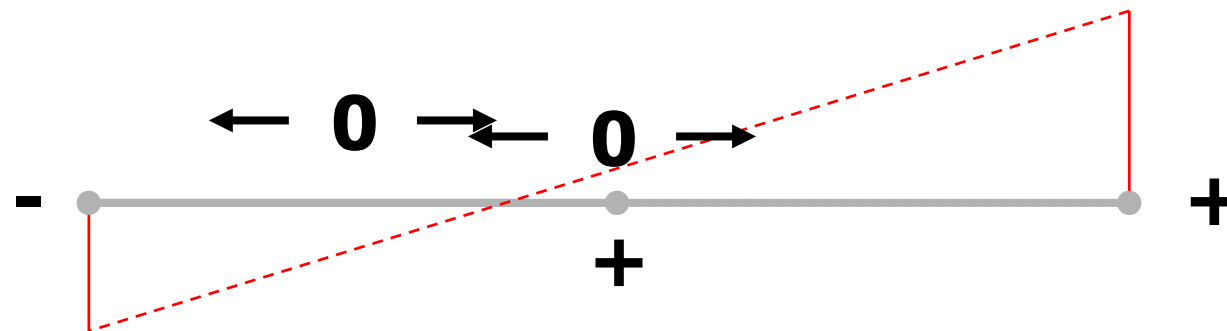


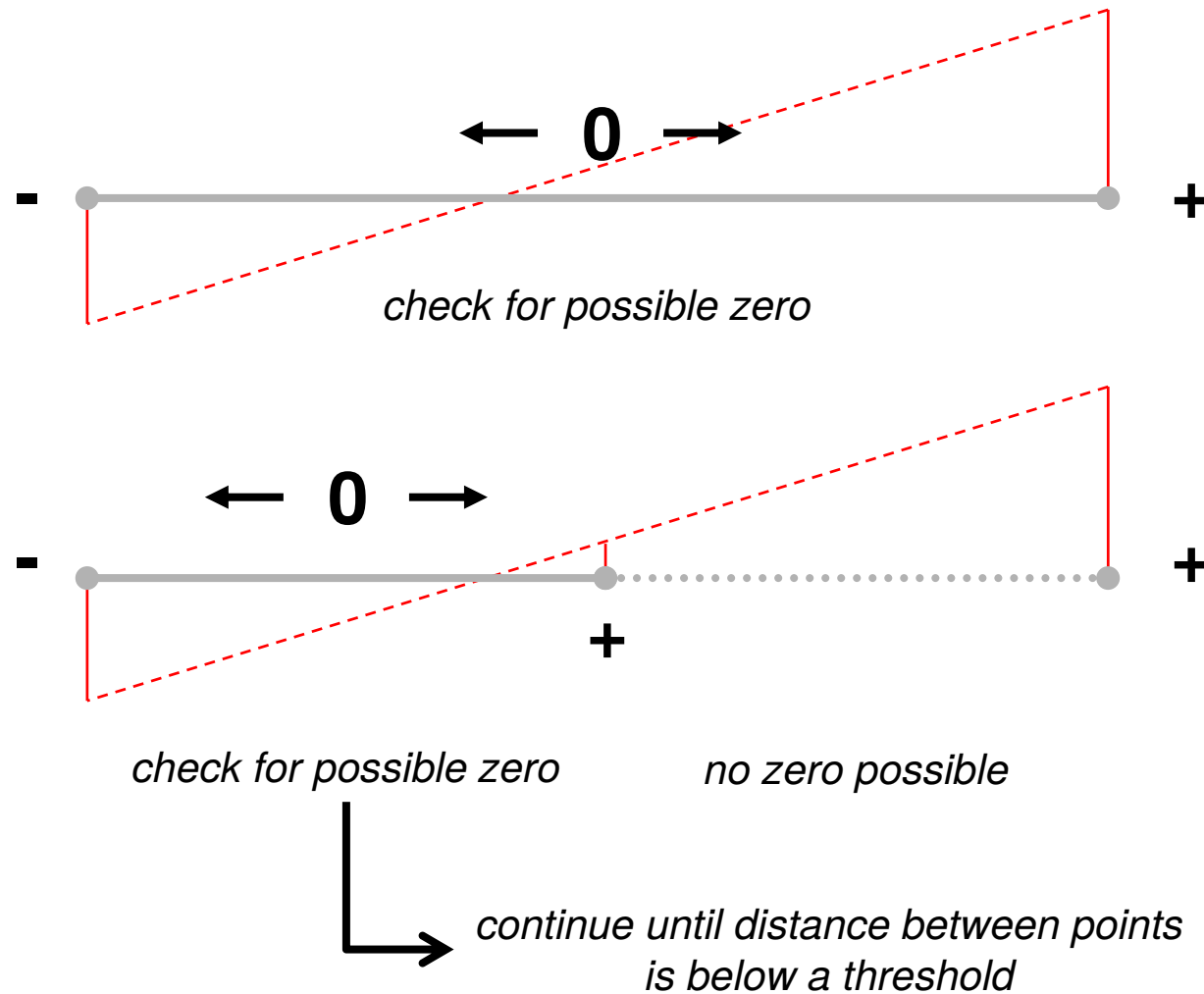
# Finding Zeros

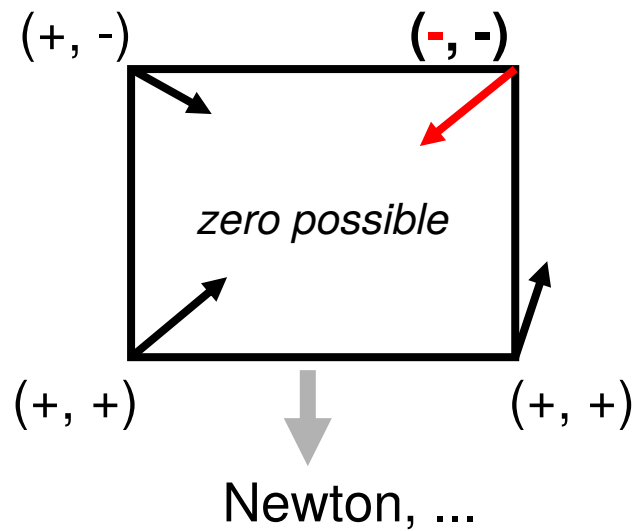
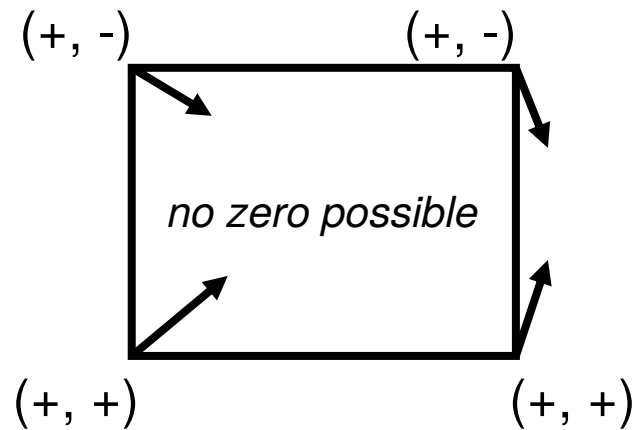
- **Isolated** zeros
- Direct solution of linear equations
- Newton, ...
- Hodge decomposition
- Domain decomposition & change-of-sign test

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Main idea based on (continued) linear interpolation





- Criteria itself is necessary, but not sufficient
- Very fast
- Easy to implement (C++ Template)
- n dimensions, m-dimensional values

