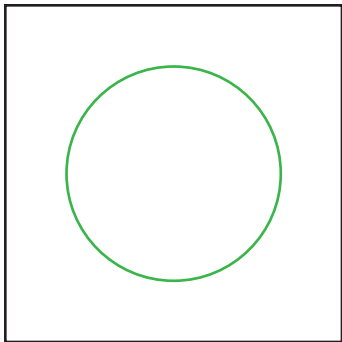
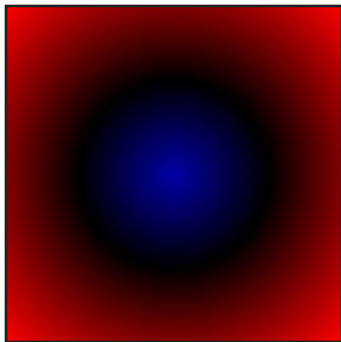


Input

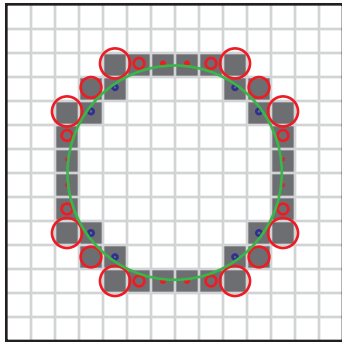


ArrivalTime



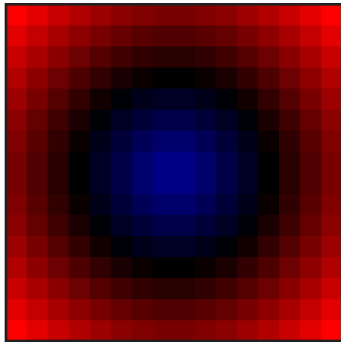
Input

(1,1)



(0,0)

ArrivalTime



UniformSpeedEikonalSolver

Input



Uniform speed = 1

Result



HighAccuracyUniformSpeedEikonalSolver

Input



Uniform speed = 1

Result



DistanceEikonalSolver

Input



Uniform speed = 1

Result



VaryingSpeedEikonalSolver

Input



Speed



Result



HighAccuracyVaryingSpeedEikonalSolver

Input



Speed



Result

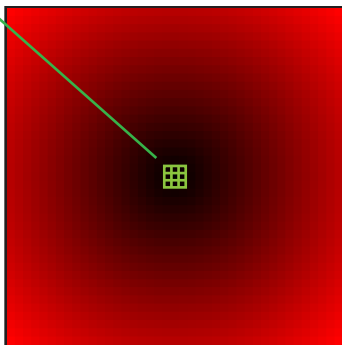
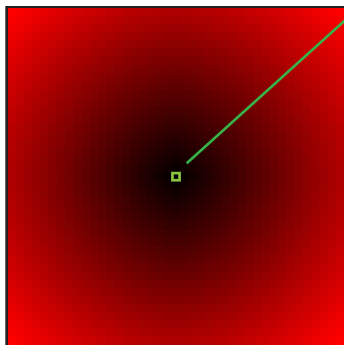


Regular FMM

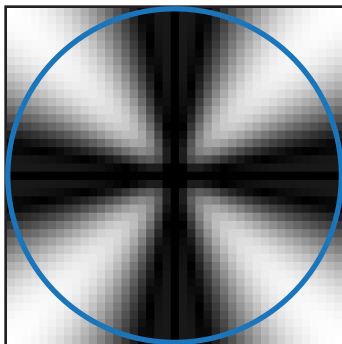
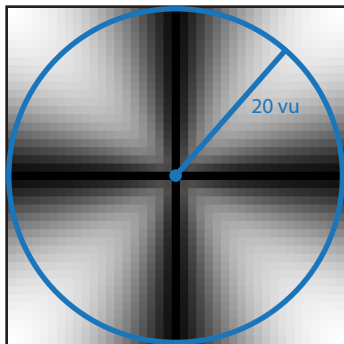
High Accuracy FMM

Arrival Time

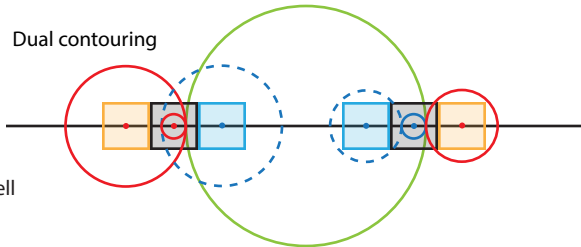
Boundary cells



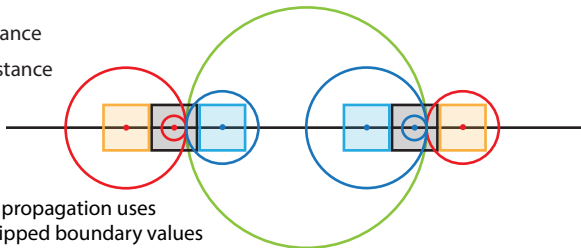
Error



Dual contouring

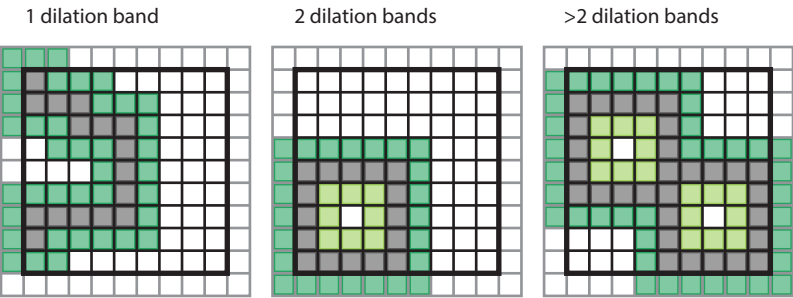


- Boundary cell
- Inside cell
- Outside cell
- Positive distance
- Negative distance



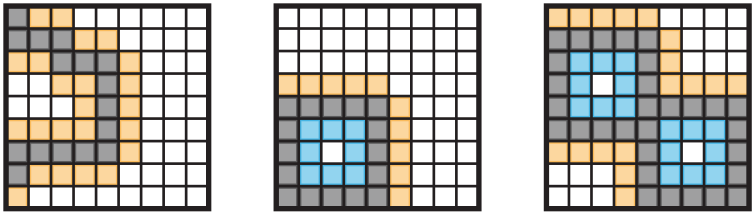
Inside propagation uses
sign-flipped boundary values

One Connected Component

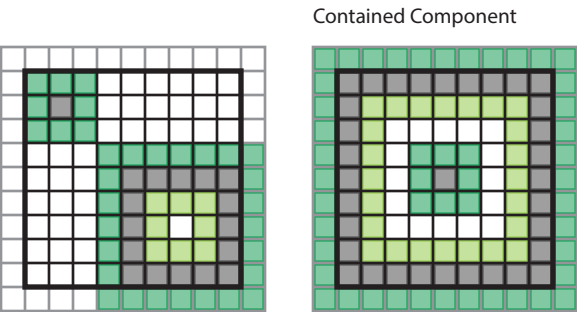


- Boundary Cell
- Outer dilation band cell
- Inner dilation band cell
- Inside cell
- Outside cell

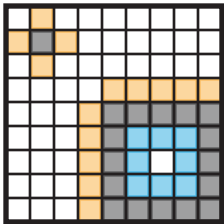
Initialize narrow bands



Two or More Connected Components



Initialize narrow bands



Inside/outside conflict