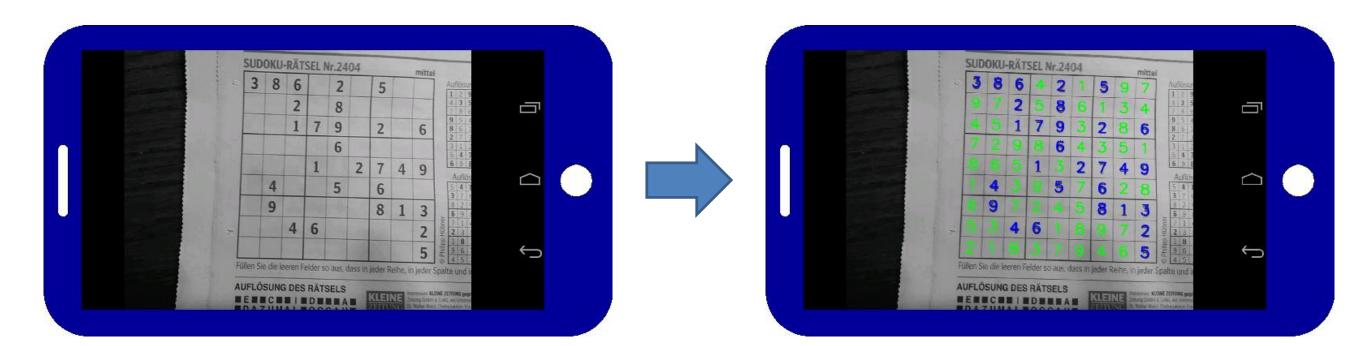
Sudoku Solver

Yixin Wang

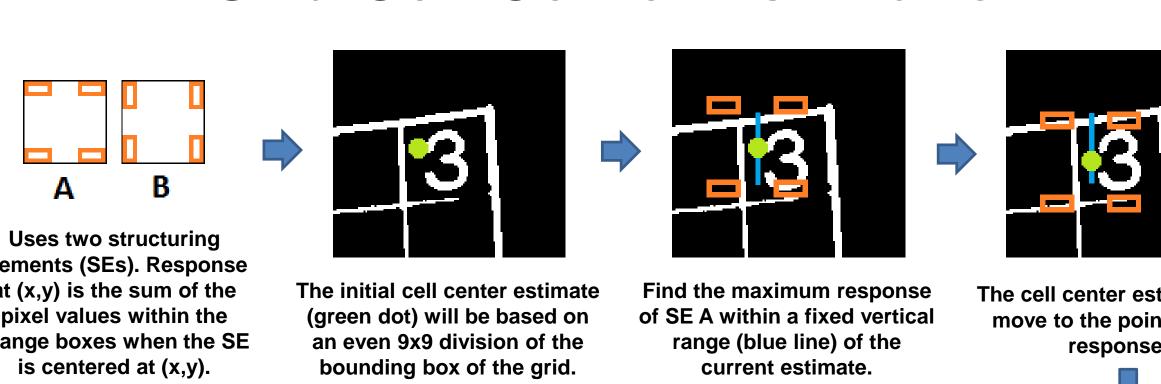
Department of Computer Science, Stanford University

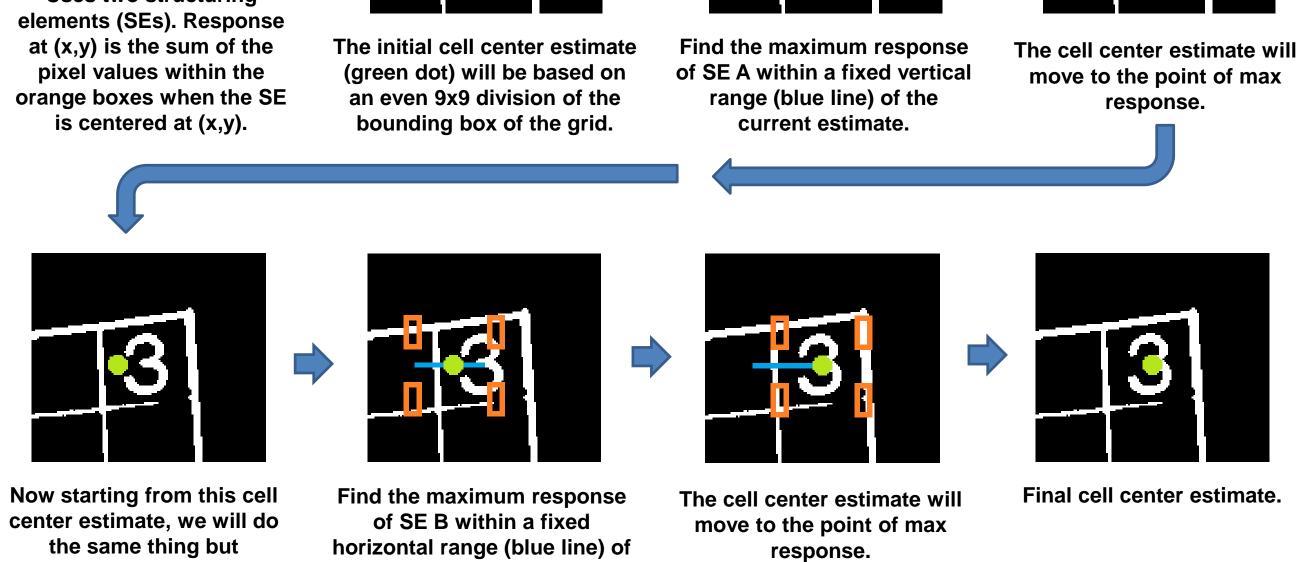
Overview



An Android app that can solve a Sudoku puzzle using only the device camera and display the solution in real-time.

Grid Cell Center Estimation

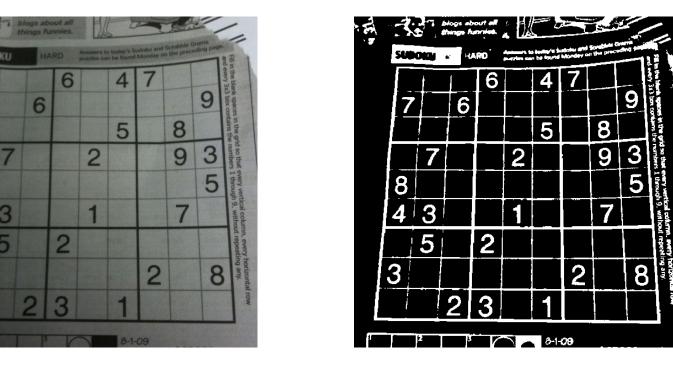


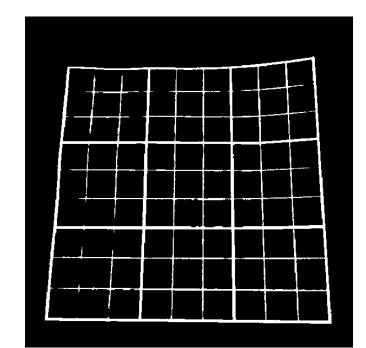


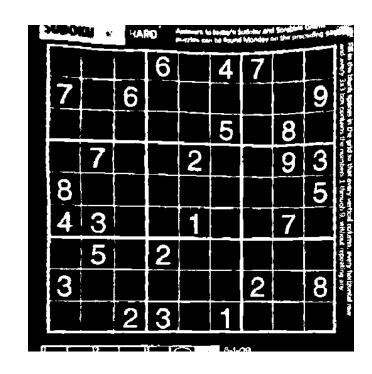
the current estimate.

transposed.

Implementation





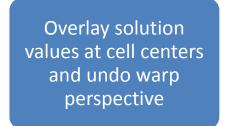


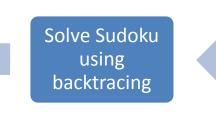








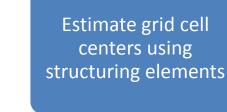


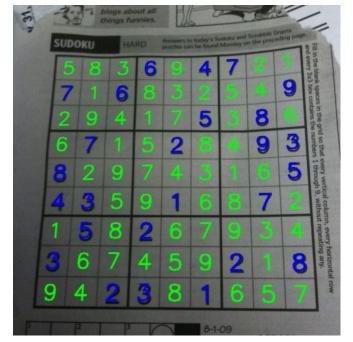














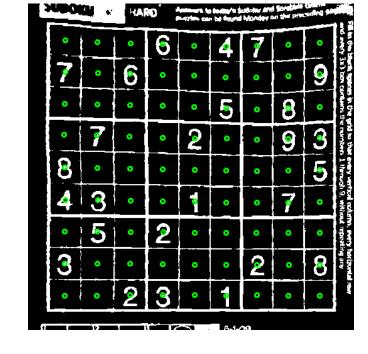
7 8 9

Templates





9	3
5	7



Results

