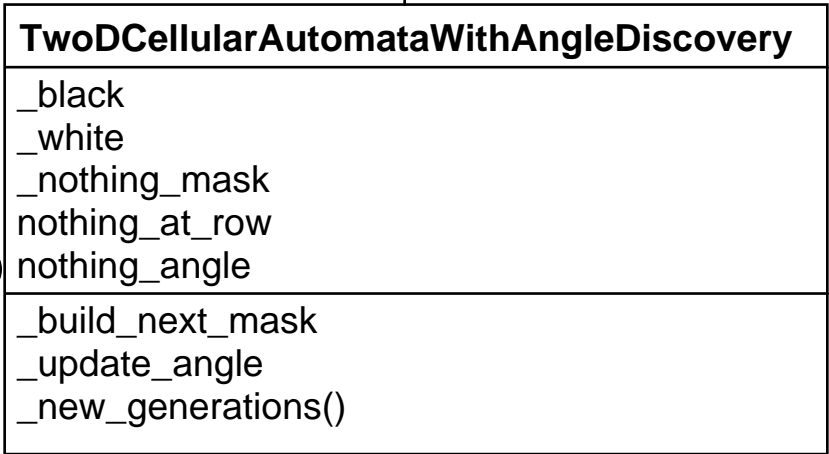


```

automata = TwoDCellularAutomataWithAngleDiscovery(
    generations=200,
    machine_cls=Rule30,
    wall_cls=WallLeftWhiteRightWhite,
    cells_per_generation=50)

```



```

adjacent = self.nothing_at_row - self.cells_per_generation / 2.0
opposite = self.cells_per_generation
self.nothing_angle = math.degrees(math.atan(opposite/adjacent))

```

