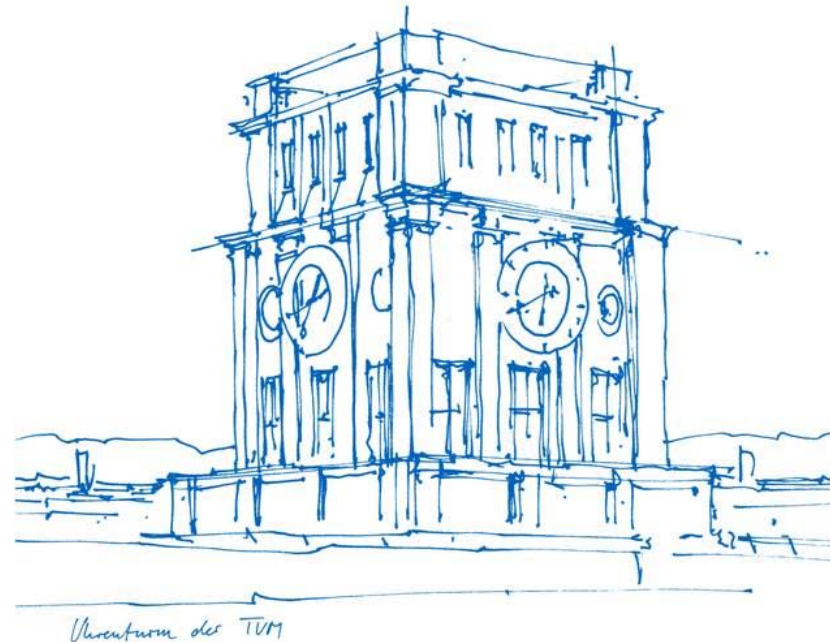# Parking Team – Week 3

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What we did last week

- **Deploy the Rover**
  - Lane Detection Code
  - Auto Driving and Manuel Driving

- **Test Scenario 1 – Move straight to the goal location**
  - AF3 Model – Compile – Run the Car – Stop Before the QR Code
  - Problem
    - QR Code Detection
    - Parameters (Speed, Acceleration, Distance)
    - Low-Level Driving Functions

- **Research on Path Planning**
  - Bug Algorithms
  - Model & Toolbox
    - Python & Matlab

Results

Task for this week

- **Improve Test Scenario 1**
  - Solve the problem above

- **Further Test Scenario**
  - Curve to reach the goal location
    - Path Planning
    - Path Following
  - Avoid one obstacle
    - Lidar Sensor
    - Data Integrate