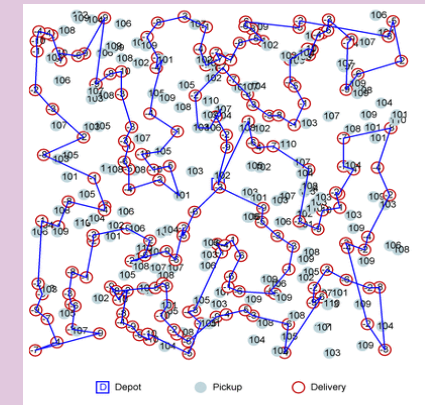
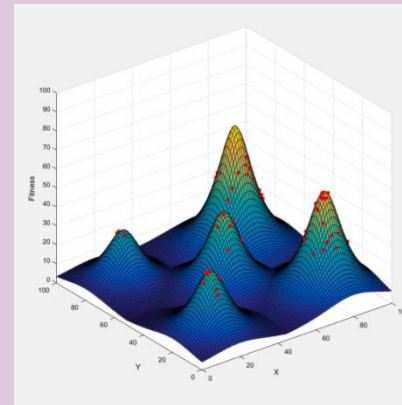
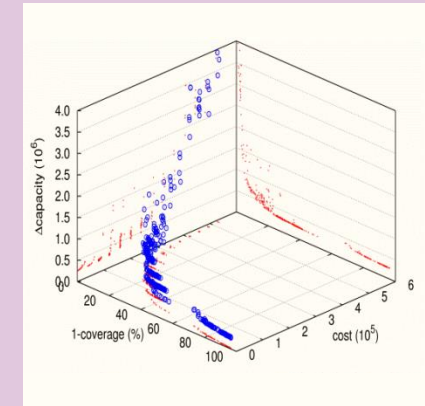
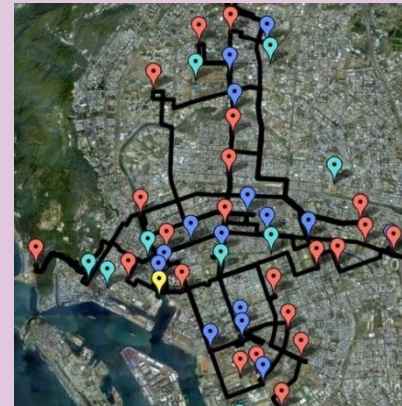





AI for Optimization

- **Complex** optimization
- **Large-scale** optimization
- **Dynamic** optimization
- Applications:
 - Intelligent manufacturing
 - Intelligent machinery and design
 - Logistics and transportation
 - Machine learning / data mining
 - Bioinformatics
 - Wireless sensor networks





AI in Music, Arts, and Creativity

- Chairing IEEE CIS Task Force on Creative Intelligence
- Composing **Music** by Evolutionary Computation
 - Chinese music 
 - Rock music
 - Fusion of Flamenco & Tango
- Generating **Mondrian Artworks** through Genetic Algorithm

