

臺灣大學電機系控制組

網狀系統控制實驗室

多群組網狀動態系統之控制與通訊
Control and Communication
in Networked Multi-Agent Systems

連豐力

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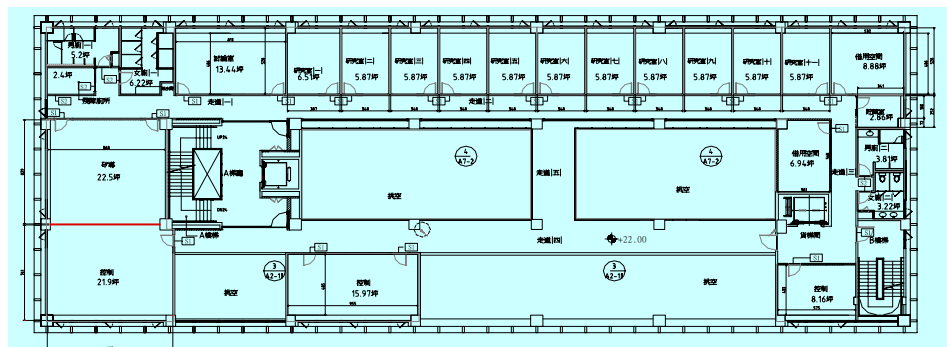
自動駕駛智慧車 Smart Vehicle



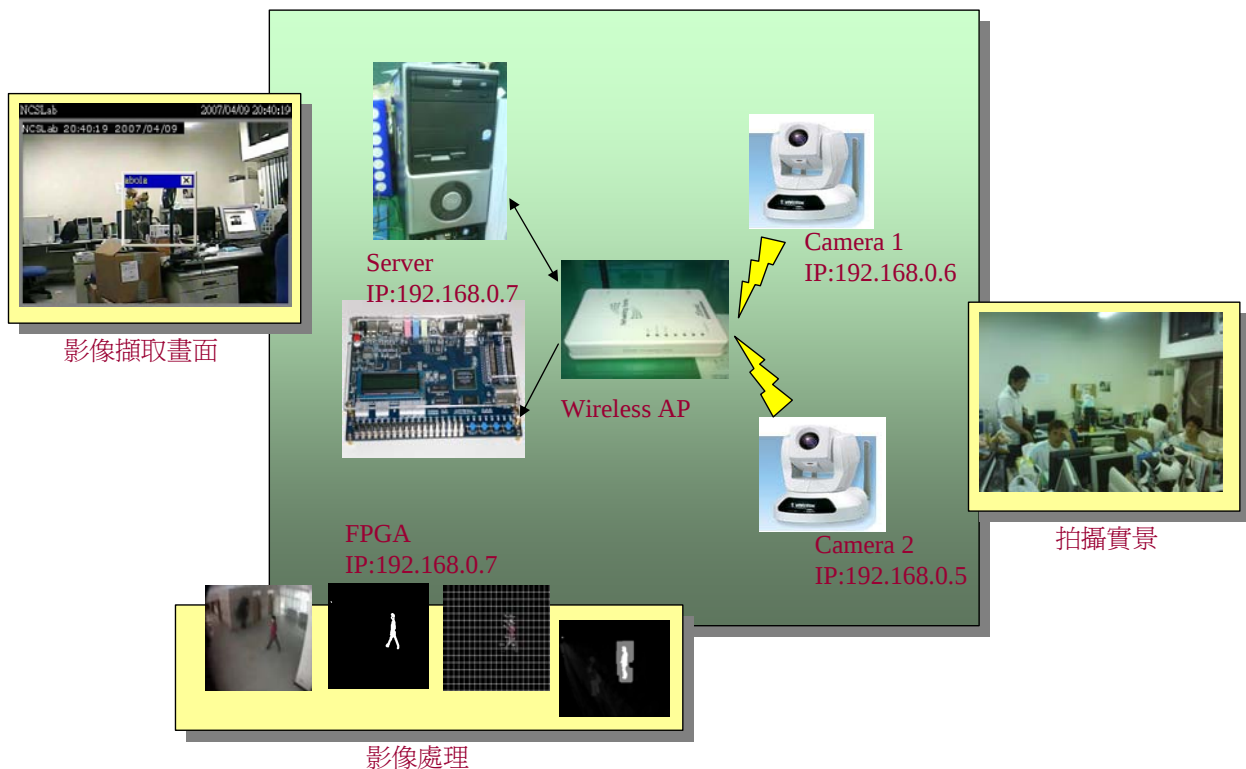
電機系明達館



Camera 1
IP:192.168.0.6



動態影像偵測技術之無線傳輸平台



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自動駕駛智慧車 Smart Vehicle



Electric Golf Cart

- Vision (image)
- GPS (positioning)
- Sonar (sound)
- Laser
- WiFi (comm)
- Steering (orientation)
- Acceleration (speed)
- Braking

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人形機器人 Humanoid Robot



- Walking
- Dancing
- Cooperation
- Vision
- Hearing

- Algorithm
- I/O Interface
- Communication
- Sensing
- Actuation
- Kinematics
- Dynamics



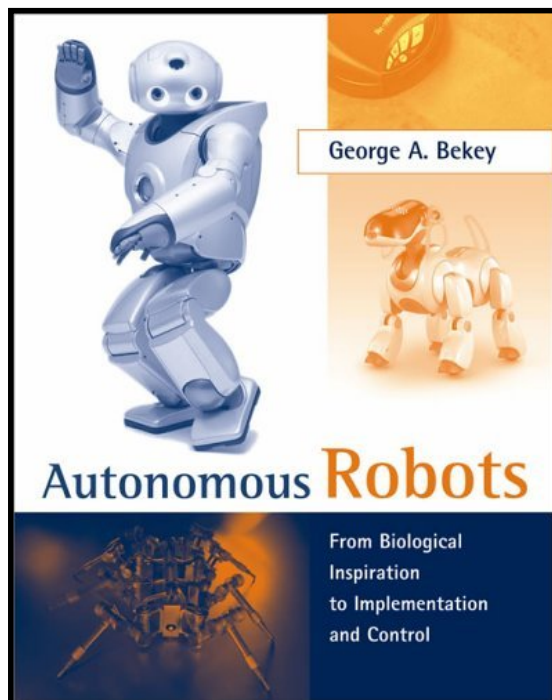
ROBOSAPIEN V2

ROBOSAPIEN V3

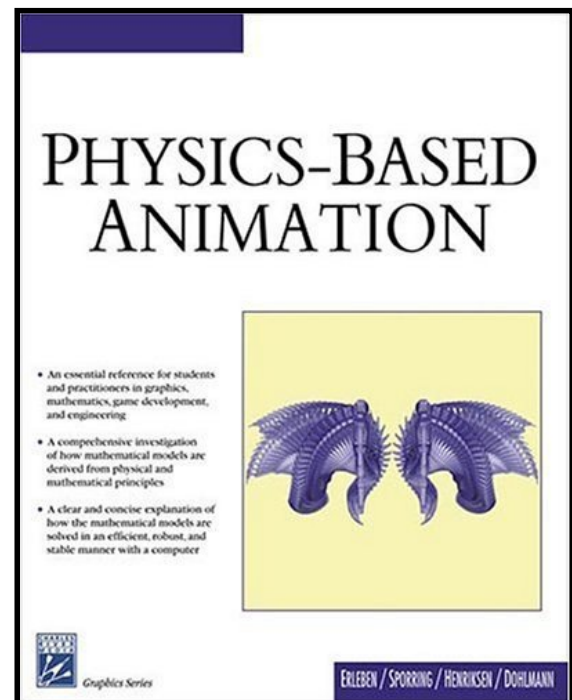
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機器人與電腦動畫



Autonomous Robots
by Bekey, 2005



Physics Based Animation
by Erleben et al., 2005

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