

10 min

15 slides

7 page in total

structure: (1 page) syllabus (

① → (2) page

① Back-ground (Introduction / Related Work)

↓

② Motivation (1 page) → your contribution

③ Theory / Analysis

a. (1 page) Model signal

signal = (signal-tr + noise + fading)

2 page

← [• white → Gaussian
• Rayleigh fading

b. MUSIC (2 page) $[S \Lambda S^T]$

• (page 1) use you signal and eigen value

graph → • (page 2) show power function (1. most important part)
a power function diagram

graph \rightarrow C. DOA and MUSIC (1 page)

convert max value to angle

④ experimental result.

a. signal graph (1 page)

a.b. DOA results 2 page

GUI

c. robot simulation (video) \Rightarrow 2 page

⑤ conclusion (1 page)

⑥ future work / routing in existing area

↓
6
topology optimization \rightarrow minimize the cost of moving
and maximize the coverage area.