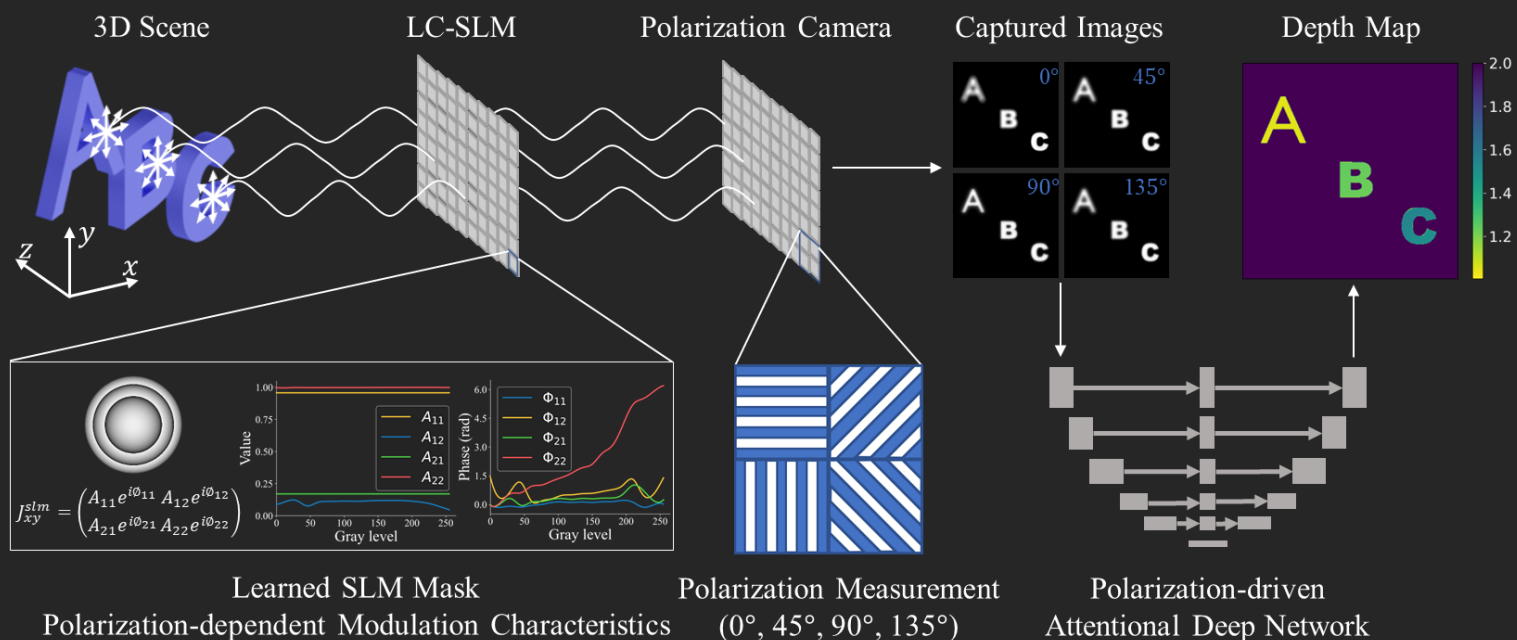
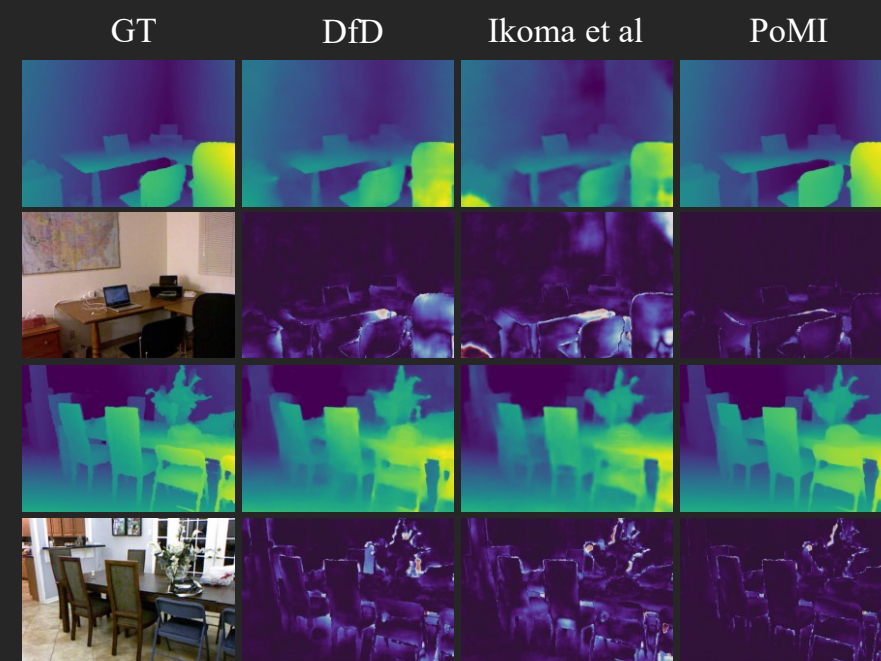


Learnable Polarization-multiplexed Modulation Imager for Depth from Defocus

➤ The Overall Framework



➤ Simulation Result



➤ Summary

- We introduce a novel imaging system for depth estimation called PoMI.
- We develop a new paradigm to simulate the proposed system differentiably.
- We optimize the system and depth estimation network in an end-to-end manner.
- We build a prototype imaging system and verify its performance in real captured data.

➤ Physical Result

