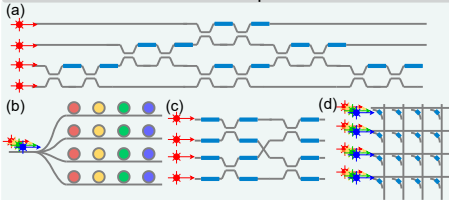
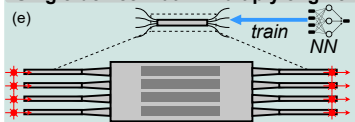


PTC with basic components



Single-device matrix multiply engine



Proposed Compact PTC with Multi-Operand MMIs

Customization
AI $\rightarrow$ Optics

Compute Density $\uparrow$
Scalability $\uparrow$