

IEEE TRANSACTIONS ON NANOTECHNOLOGY

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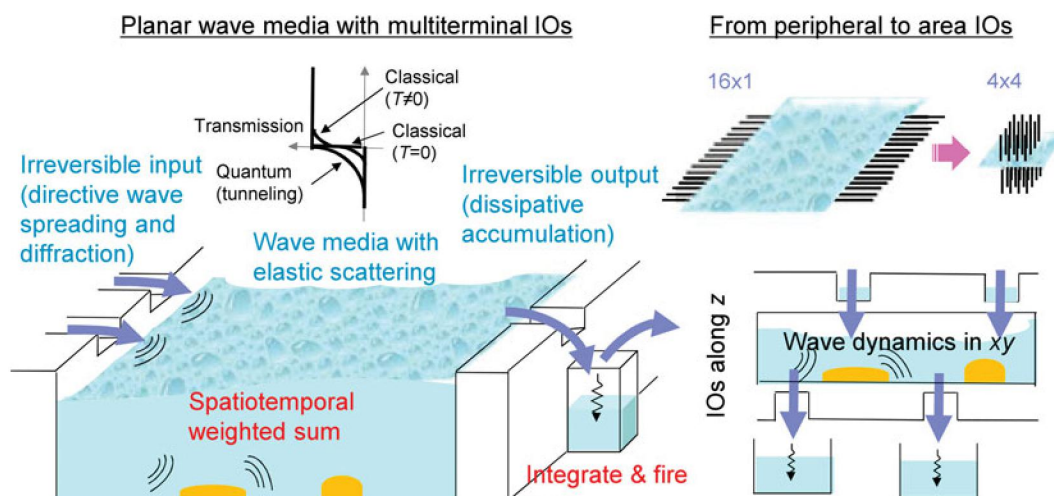
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About the cover: IO operations for active media region. IO regions are separated from the active media region by potential wall (hard threshold for $T = 0$ classical and soft threshold for $T \neq 0$ classical and quantum). Energies accumulated in output can be used for integrate-and-fire operations. Area IO can relax wiring pitch constraints, when the dynamics in xy can be well decoupled from the z direction. See “Wave-Based Neuromorphic Computing Framework for Brain-Like Energy Efficiency and Integration,” by Katayama *et al.*, p. 764.