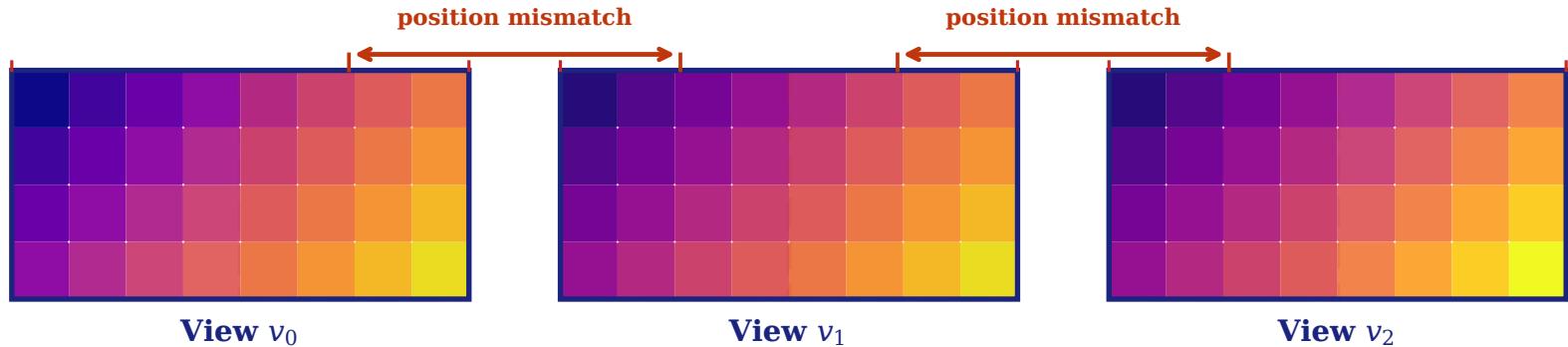


(a) Standard VLM — Independent per-view local position IDs



(b) PanoRoPE — Overlap-aware continuous 2D position encoding

