

4DGS

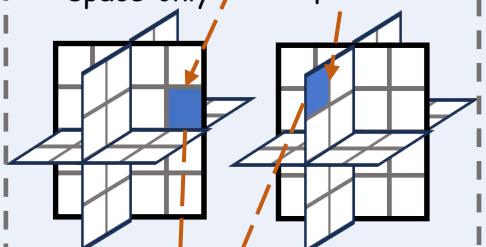
Gaussian Primitives



PCA & Contraction

$$\text{Contract} \left(\frac{P(\mu - \mu_0)}{\sigma_0} \right)$$

space-only



Multiscale Hexplane



Deformed GS

MHCW

Low-Scale Hexplane compression

Space-time planes

MaskConv

E_p

$R_{c, \text{anchor}}^l$

h_a

z_c^l

h_s

Space-only planes

MaskConv

E_p

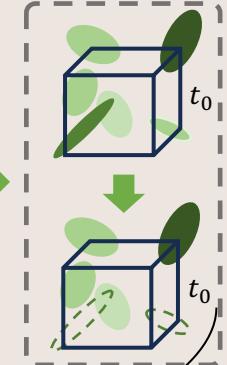
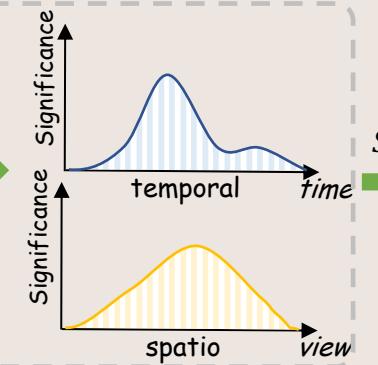
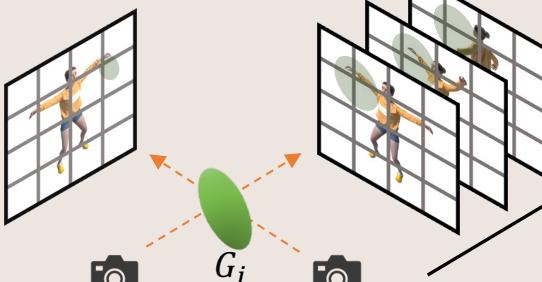
Inter-scale Context

C_{xy}

\otimes

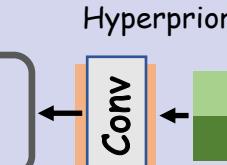
STP

Multi views



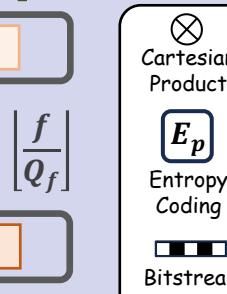
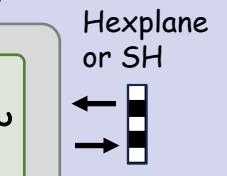
Codec

Deep Context



MLP

Distribution estimation



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High-Scale Hexplane Compression