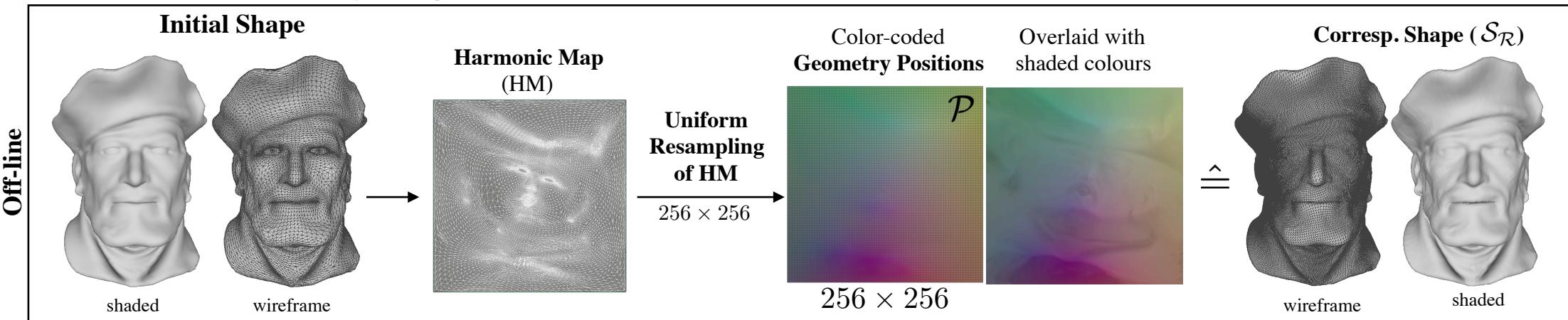
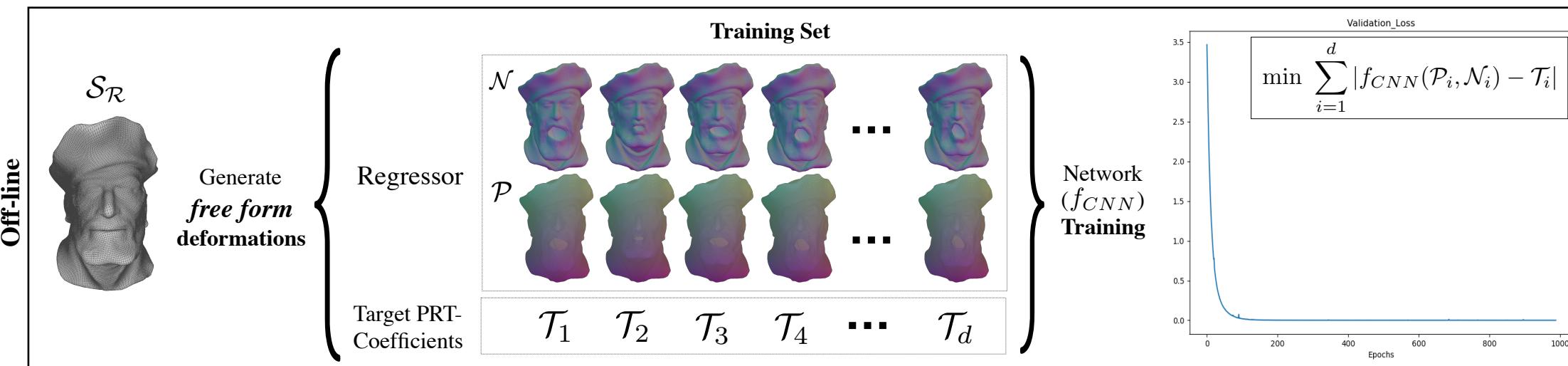


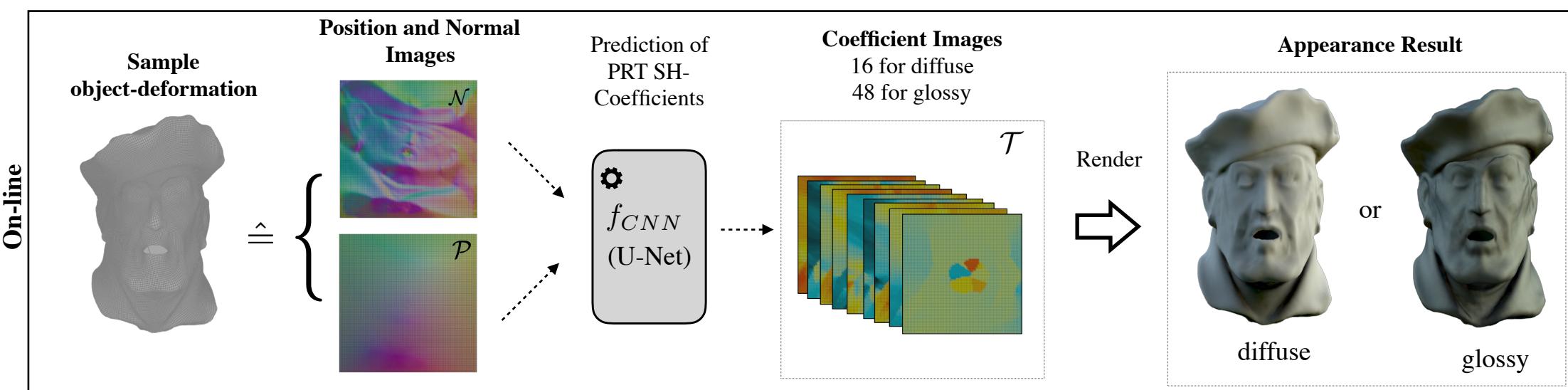
(1) Convert to Geometry Image



(2) Data Generation and Training



(3) Appearance Prediction



Compression	Compression Ratio	Achieved compression-ratio considering only the training dataset	$\Rightarrow r = \begin{cases} 44.47 : 1 & \text{diffuse} \\ 133.41 : 1 & \text{glossy} \end{cases}$
Compression grows with increasing number of: • deformations, • vertices and/or • transfer coeffs.	$r = \frac{\#(\text{Parameters classic PRT})}{\#(\text{Parameters deepPRT})}$		