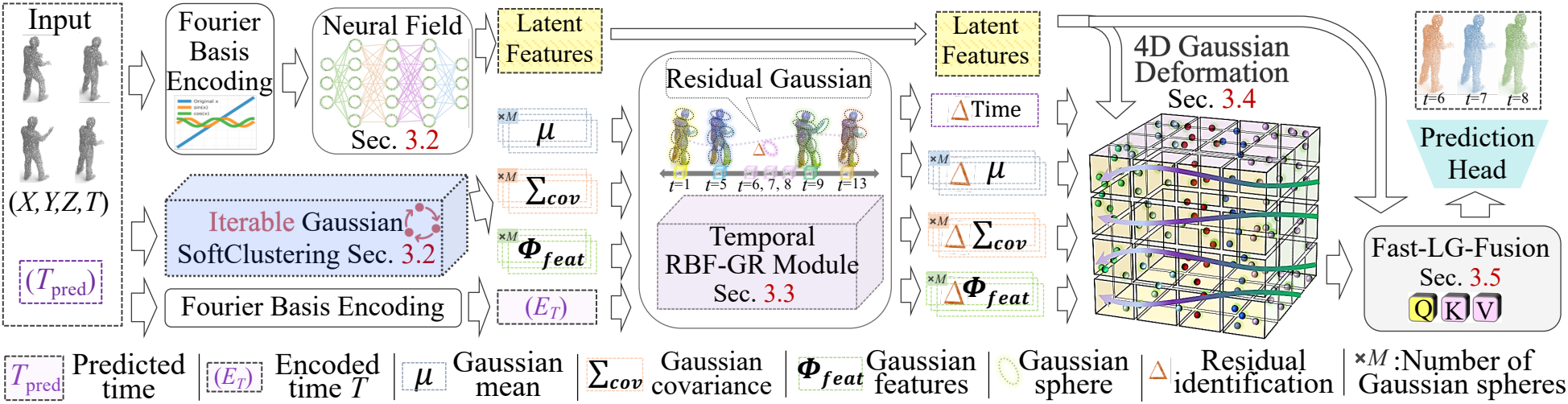
Input
(X,Y,Z,T)
(T_pred)
Fourier Basis Encoding
Neural Field
Sec. 3.2
Latent Features
Iterable Gaussian SoftClustering Sec. 3.2
Fourier Basis Encoding
×M μ
×M Σcov
×M Φfeat
(E_T)
Residual Gaussian
t=1 t=5 t=6, 7, 8 t=9 t=13
Temporal RBF-GR Module
Sec. 3.3
Latent Features
Δ Time
×M Δ μ
×M Δ Σcov
×M Δ Φfeat
4D Gaussian Deformation
Sec. 3.4
t=6 t=7 t=8
Prediction Head
Fast-LG-Fusion
Sec. 3.5
Q K V
T_pred Predicted time
(E_T) Encoded time T
μ Gaussian mean
Σcov Gaussian covariance
Φfeat Gaussian features
Gaussian sphere
Δ Residual identification
×M :Number of Gaussian spheres