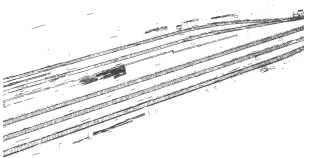


SfM input



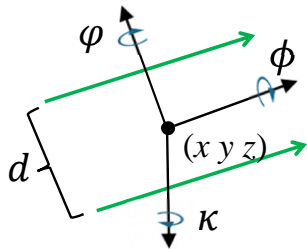
3D line reconstruction



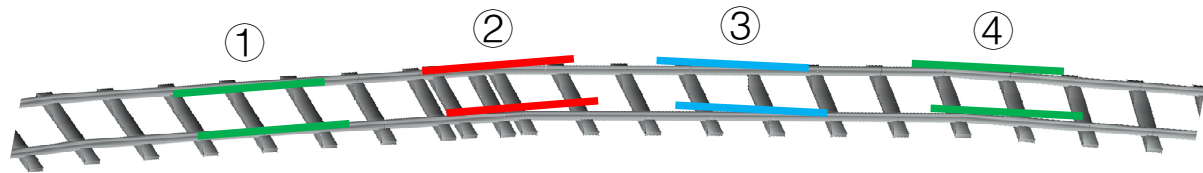
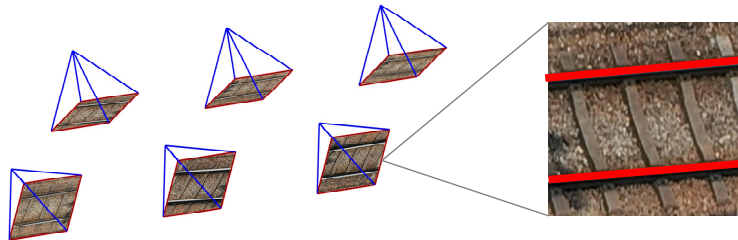
RPL seed



① The *RLP* structure



③ 2D *RL* detection and 3D line reconstruction in multiple images



② The prediction of *RLP*

④ Kalman filter with the prediction and observation