

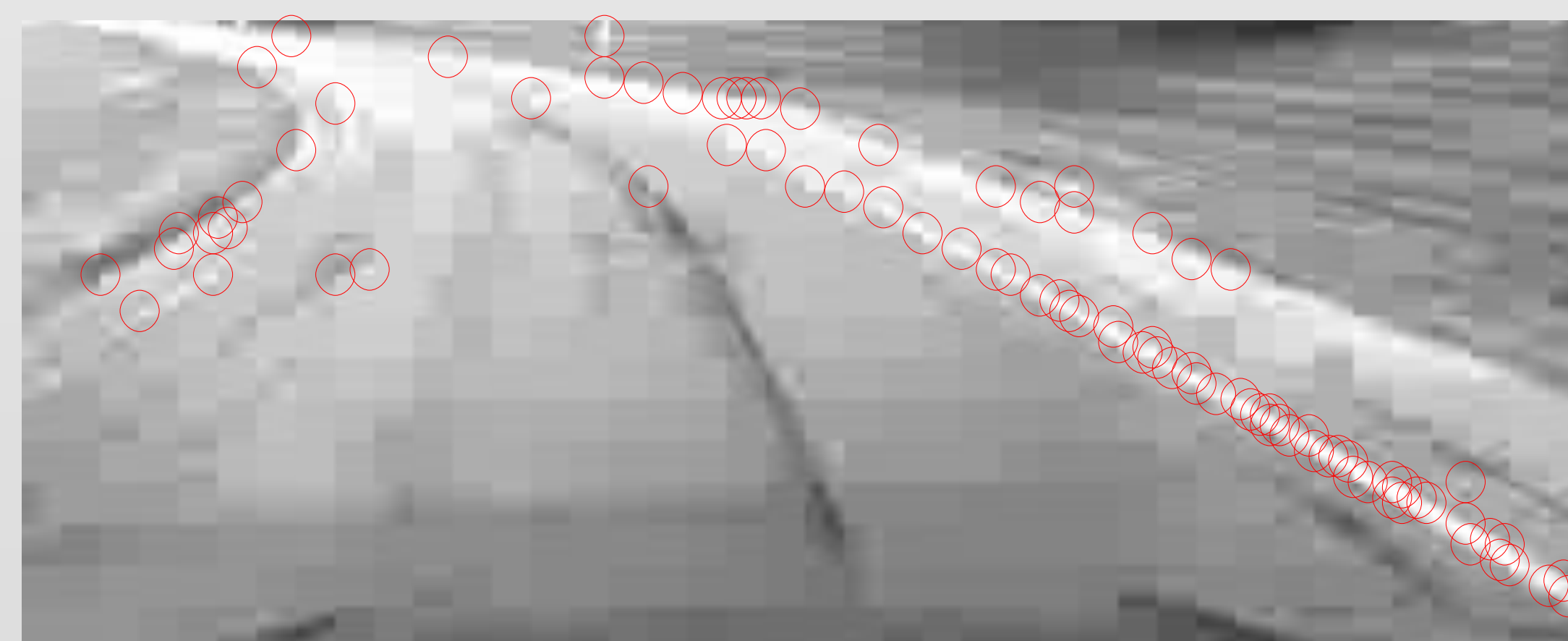
Vision-Based Road Lane Detection

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Motivation

Development of Advanced Driver Systems e.g. Lane Departure Warning (LDW), Forward Collision and Self-Parking

Image Pre-Processing

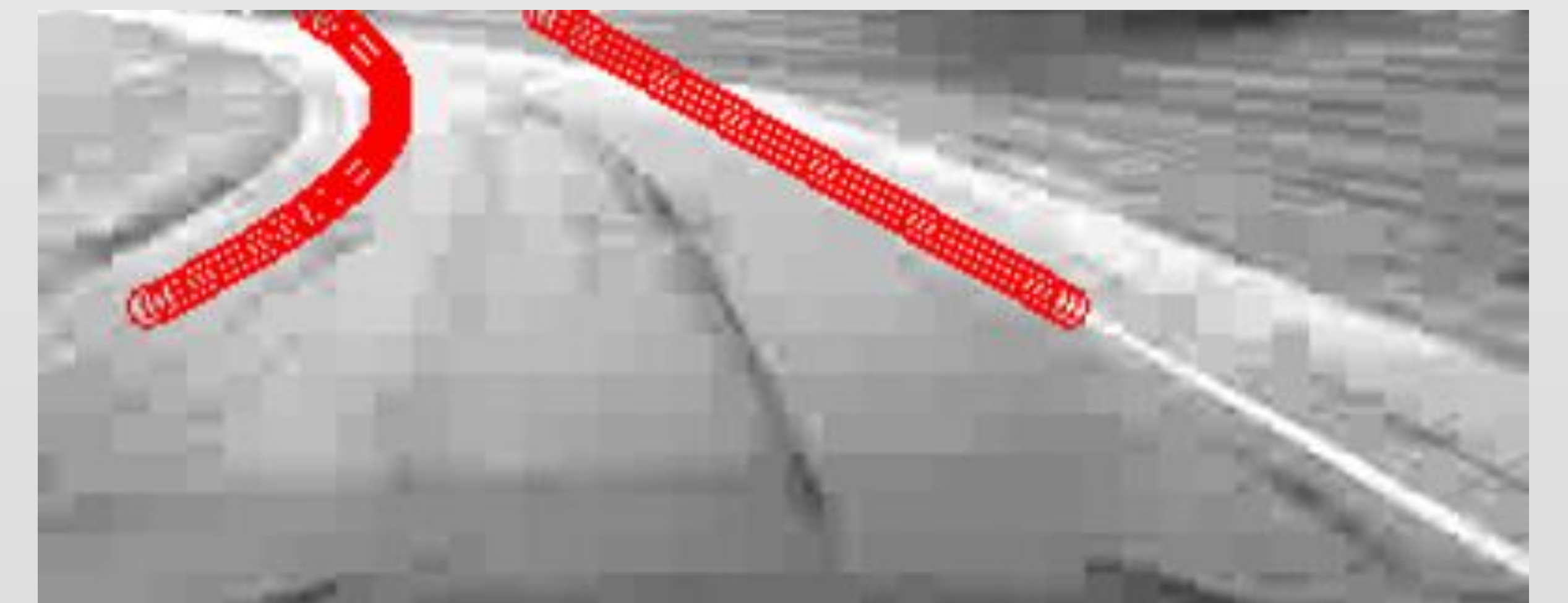


Lane Marker Candidates are extracted from an image frame using a Hessian Point Detector

Feature Extraction

Model Fitting

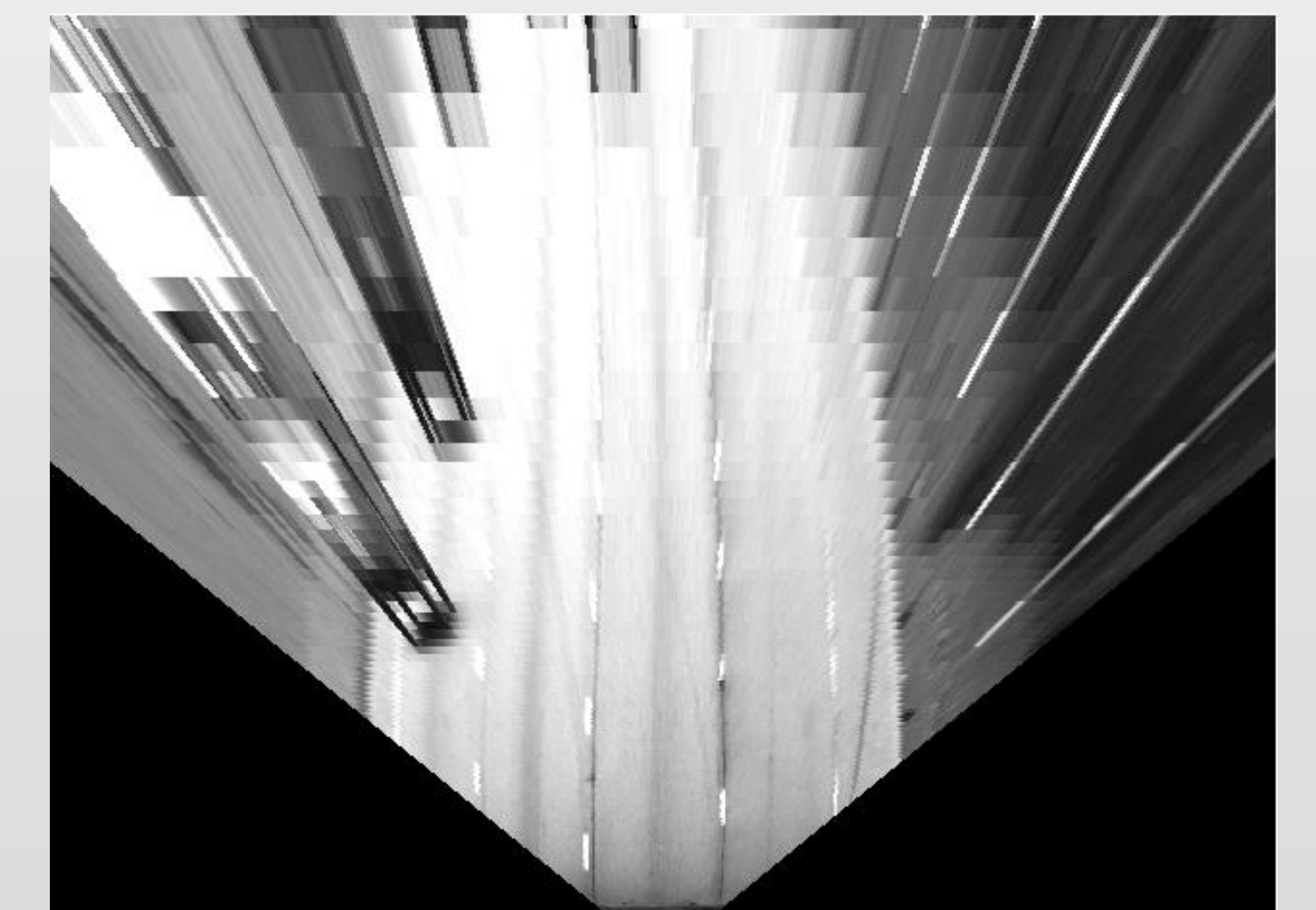
RANSAC



Temporal Integration

Image To World Correspondence

Inverse Perspective Mapping



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