Vision-Based 3D Displacement Measurement of Bridges with drones

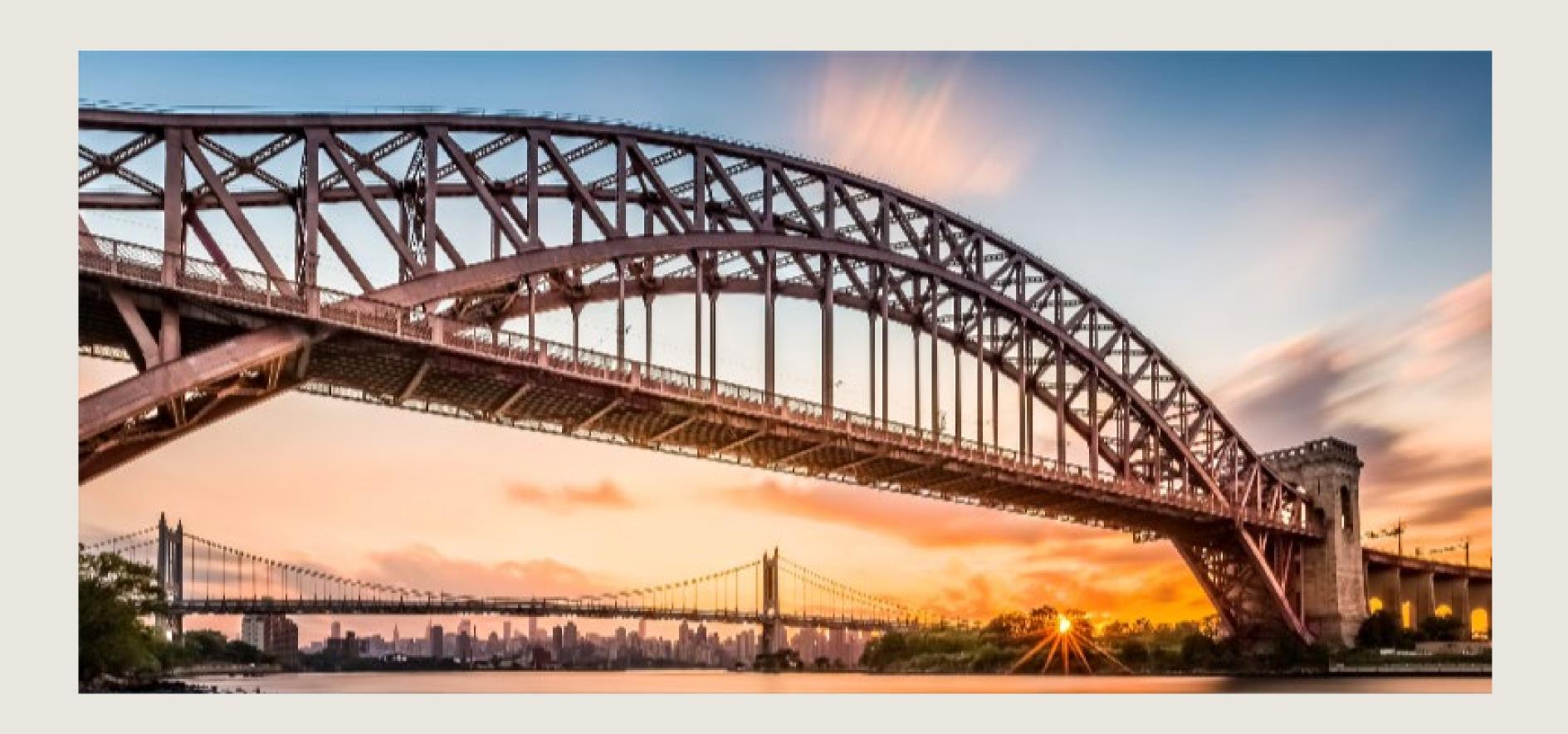
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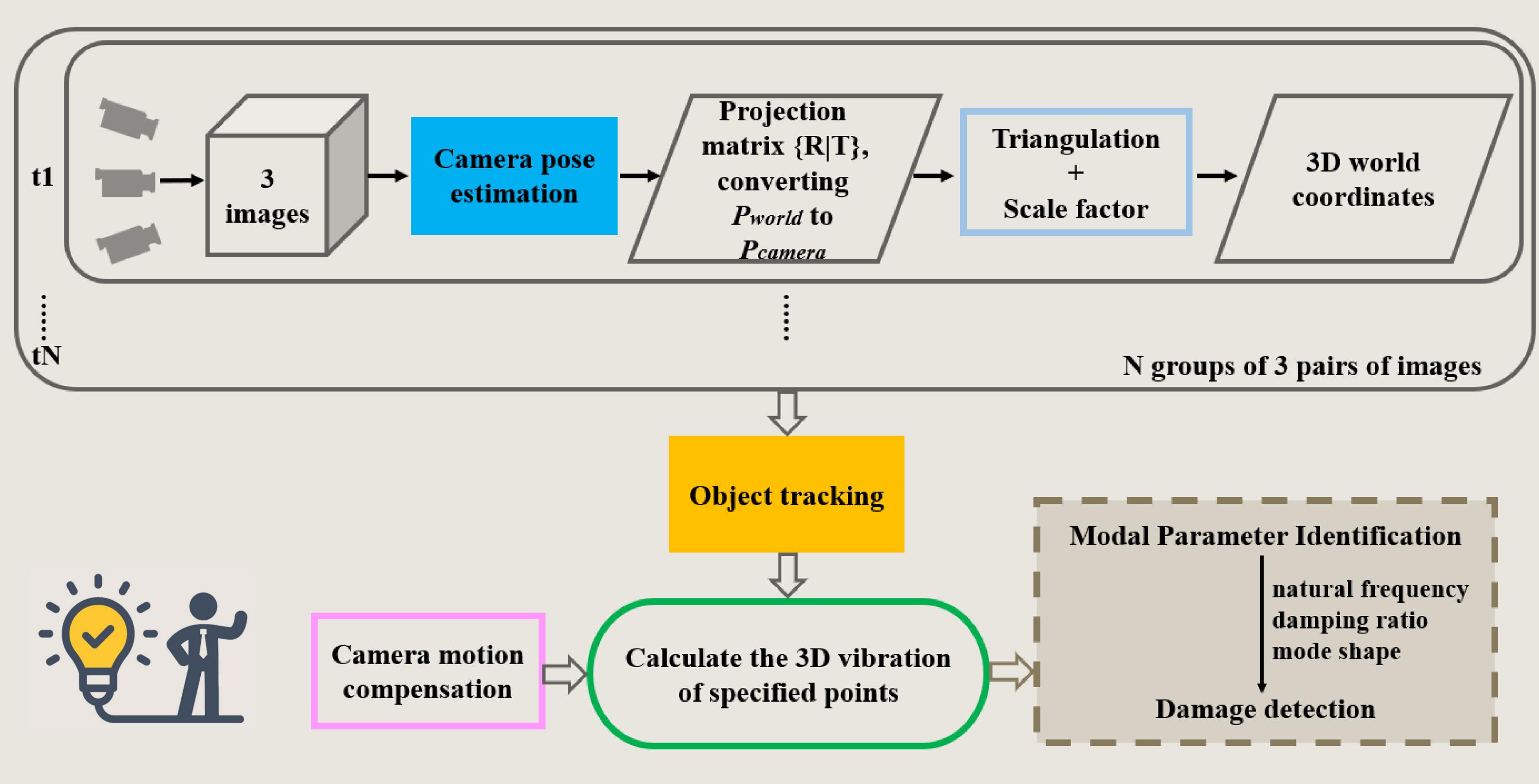
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> PURPOSE

Using drones to monitor bridge 3D displacements based on vision and perform damage detection (SUBLIME project WP2a)





> MOTIVATION

- Non-Contact Measurement.
- Wide-Area Coverage.
- Cost-Effectiveness.
- Ease of Deployment.
- Real-Time and Automated Analysis.
- Less Intrusive and Safer.



SUBLIME-WP2: Data platform and digital twin development for steel infrastructures
University of Twente, EEMCS faculty, EDGE research center, Pervasive Systems group (PS)











