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Traffic speed cloud maps: A new method for analyzing macroscopic traffic flow

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Highlights

1. This paper proposes a new conception named traffic speed cloud maps
2. This paper uses the speed cloud maps to analyze the macroscopic traffic flow accurately and directly
3. The animations of speed cloud maps can obtain the variation of the traffic flow on the time dimension
4. The animations of speed cloud maps can describe the generation and dissipation processes of the congestions visually.

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