

# Scene-aware and Social-aware Motion Prediction for Autonomous Driving

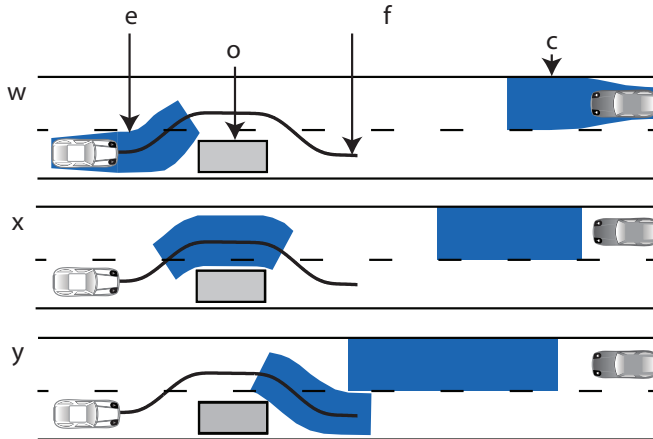
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## 1 Template

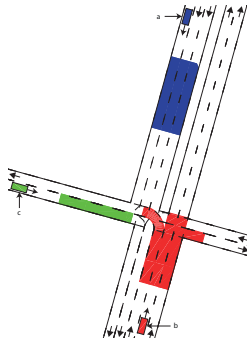
# Motivation for Set-Based Prediction [1]



[1] M. Althoff and S. Magdici, "Set-based prediction of traffic participants on arbitrary road networks," IEEE Transactions on Intelligent Vehicles, vol. 1, no. 2, pp. 187–202, 2016.

## SPOT

SPOT: A tool for set-based prediction of traffic participants [2]



Initial configuration and  $\mathcal{O}(t)$  for  $t \in [1.5\text{ s}, 2.0\text{ s}]$

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[2] M. Koschi and M. Althoff, "SPOT: A tool for set-based prediction of traffic participants," in Proc. of the IEEE Intelligent Vehicles Symposium, pp. 1679–1686, 2017.

# Conclusions

- Item

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- Item

Thank you for your attention:)