



Putting the Auto in Automobile

It may be hard to accept but it's likely that we'd all be much safer in autonomous vehicles driven by computers, not humans. Annually more than 30,000 Americans die in car crashes, almost all due to human error. Autonomous vehicles will communicate position and speed to each other and avoid potential collisions—without the possibility of dozing off or road rage. There are still many legal (and insurance) issues to resolve, but researchers who are revving up the development of autonomous vehicles are relying on geometry for recognizing and tracking objects, probability to assess risk, and

logic to prove that systems will perform as required.

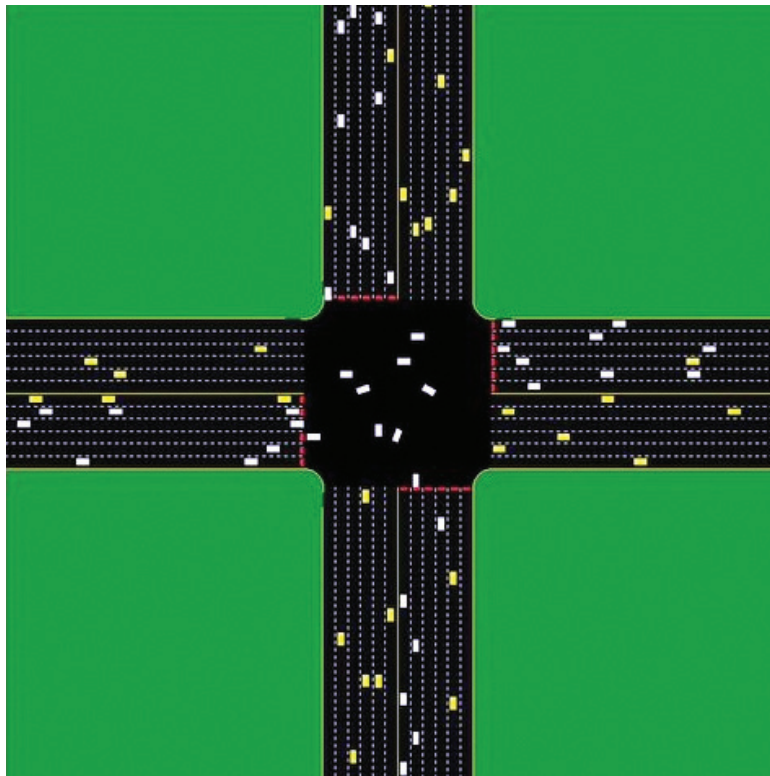


Image: Kurt Dresner, Tsz-Chiu Au, and Peter Stone.
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