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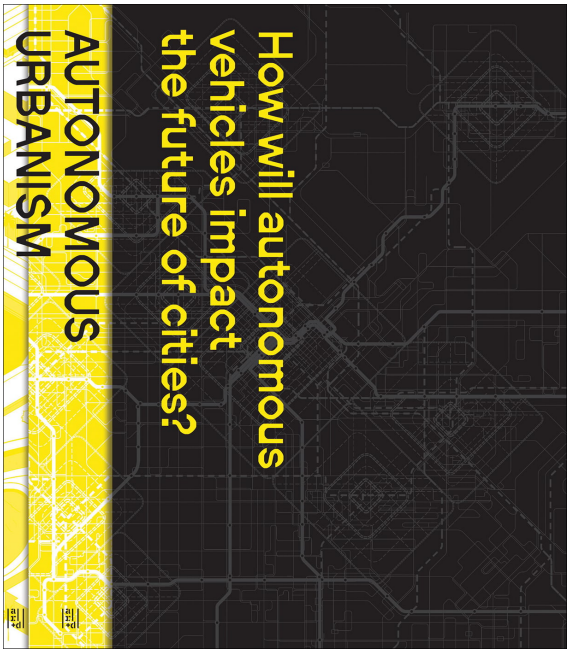


Autonomous Urbanism

Towards a New Transitopia

Evan Shieh

ISBN	9781957183633
Publisher	ORO Editions
Binding	Paperback / softback
Territory	World excluding USA, Canada, Singapore, Thailand, Vietnam, Cambodia, Indonesia, Brunei, Philippines, Malaysia, and Australasia. India non-exclusive
Size	254 mm x 178 mm
Pages	480 Pages
Illustrations	300 color
Price	£32.00

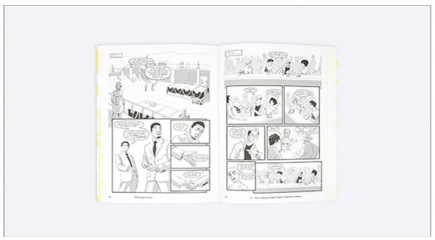
- **Autonomous Urbanism: Towards a New Transitopia** is a research and design monograph that explores the latent and transformative impact automated vehicles will have on the urban and spatial future of cities
- Nearly 500-pages of texts, drawings, and illustrations that unpack the potential of an automated mobility paradigm shift, in order to inform current trajectories of technological innovation
- A 2-volume monograph wrapped by a slipcase: Book 1 – lays the framework for this speculative future to potentially occur through grounded discussions of our recent urban mobility history, transportation policies, and illustrated design typologies at multiple scales. Book 2 – an architectural graphic novel that depicts the narrative experience of an automated mobility future city through the eyes of the everyday public
- This form of visual communication is distinct from most other published titles in the architecture and urban design space
- Argues for a future city that is not dictated by technology, but rather one where technology is strategically deployed as a tool to ensure that the public realm of our cities is protected and well-served

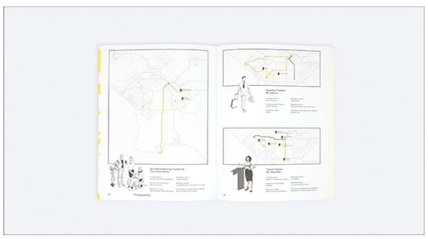
Automated vehicles (AVs) are beginning to appear on our roads. Their arrival represents the next disruptive technological innovation to our mobility systems. In a moment in which the contemporary conversation around driverless technology largely neglects its longer-term spatial implications, this book argues that AVs offer a major opportunity to rethink the design and evolution of our city's built environments — with profound implications on urban life, infrastructure, and form since automobiles replaced horse-powered travel and changed the design of cities in the prior century. Driverless vehicles also carry with them however, the distinct risk to reinforce many of the negative externalities brought by 20th-century automobile-based urbanism including urban sprawl, mono-functional mobility infrastructures, traffic congestion, and environmental degradation. Instead, this book proposes a vision for our cities in which AVs have been used to spur a mobility paradigm shift from private automobile use towards automated mass transit and mobility as a service—using the city of Los Angeles as a testbed.

To take up these charges, this book is structured through two companion volumes: one that deploys the unique format of a graphic novel to depict a narrative experience of this future city through the eyes of the everyday public, and one that lays the framework for that speculative future to potentially occur, grounding it in our recent urban mobility history, transportation policies, and typological spatial implications at multiple scales. In envisioning this potential urban future and delineating the foundational design and policy steps towards achieving it, this book contends that there is hope in transitioning cities from the Autopias of today, to the Transitopias of tomorrow. This is a big shift. Are cities and their inhabitants ready?

Evan Shieh is an architect, urbanist, researcher, and educator. He is an assistant professor of architecture at New York Institute of Technology (NYIT) where he teaches as a full-time faculty member, and is also the director of Emergent Studio, a design and research office operating at architecture's intersection with urbanism, landscape, and infrastructure. Shieh is a graduate of Harvard University's Graduate School of Design, from which he holds a Master of Architecture in Urban Design.







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