

Connecting Human & Machine Intelligence in the Internet of Things

Digital Culture

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Academic Year 2017/2018



- 1 Origins of IoT
- 2 Mobility & Cloud in a Connected World
- 3 The Industrial Internet
- 4 Smart Devices
- 5 Practical & Technical Challenges of the IoT
- 6 Issues & Dangers of the IoT
- 7 IoT Vision: The Networked Future
- 8 Computer Network Security Fundamentals



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Security

What is security?

- *secure* means a state of being free from care, anxiety, or fear
- an object can be in a *physical state* or a *theoretical state* of security



References

-  Greengard, S. (2015).
The Internet of Things.
The MIT Press Essential Knowledge Series. MIT Press.



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