

# Second Thoughts on Autonomy

John Markoff

Center for Advanced Study in the Behavioral Sciences

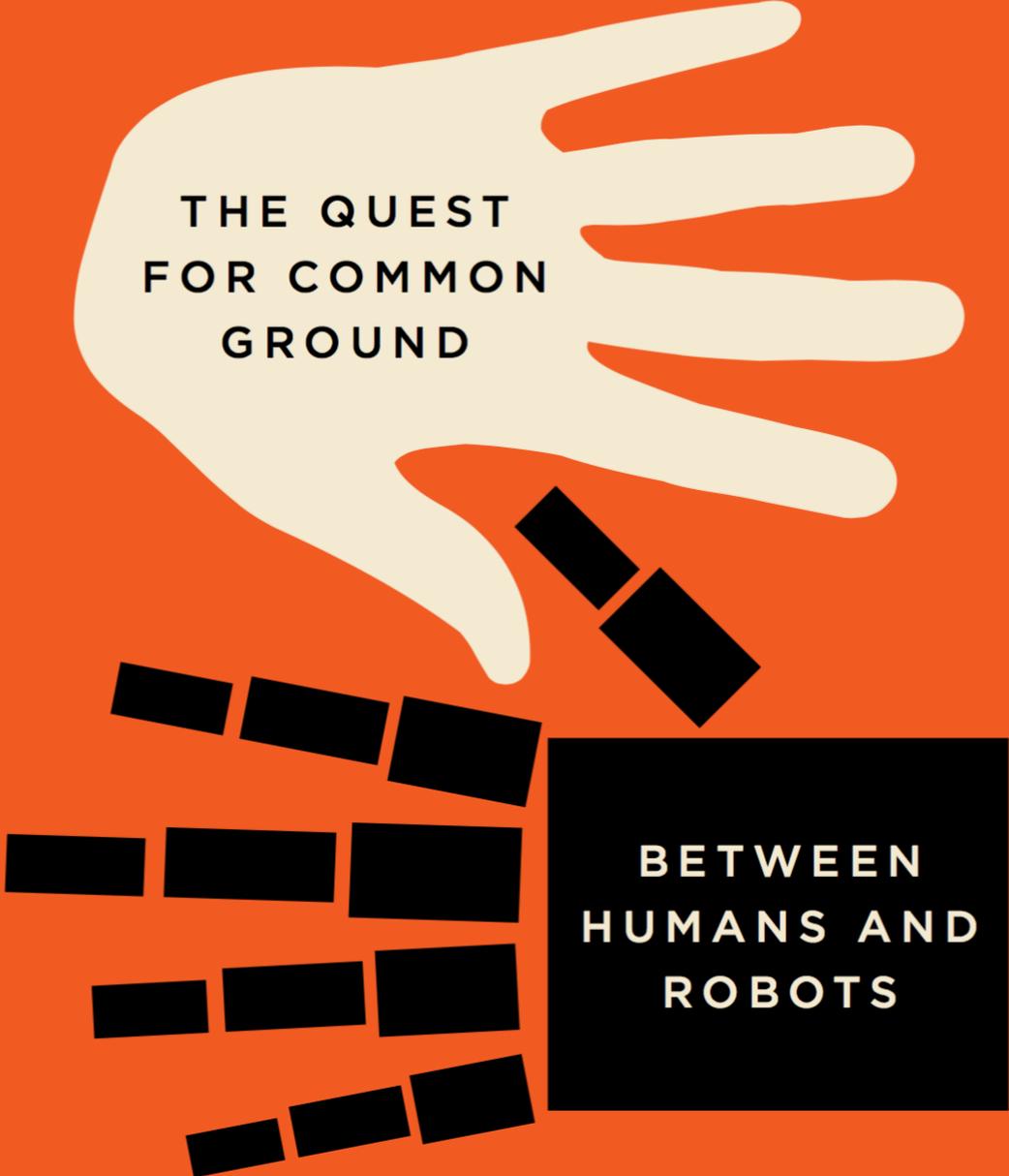


**DR. STRANGE LOVE**

---

**OR, HOW I STOPPED WORRYING  
AND LEARNED TO LOVE THE BOTS**

# MACHINES OF LOVING GRACE

A large white hand silhouette is positioned in the upper center. Below it, a black robotic hand is shown, composed of several rectangular segments. A black rectangular box is attached to the end of the robotic hand.

THE QUEST  
FOR COMMON  
GROUND

BETWEEN  
HUMANS AND  
ROBOTS

JOHN MARKOFF



John Markoff

**WHAT THE DORMOUSE SAID**

**How the Sixties Counter-  
culture Shaped the Personal  
Computer Industry**

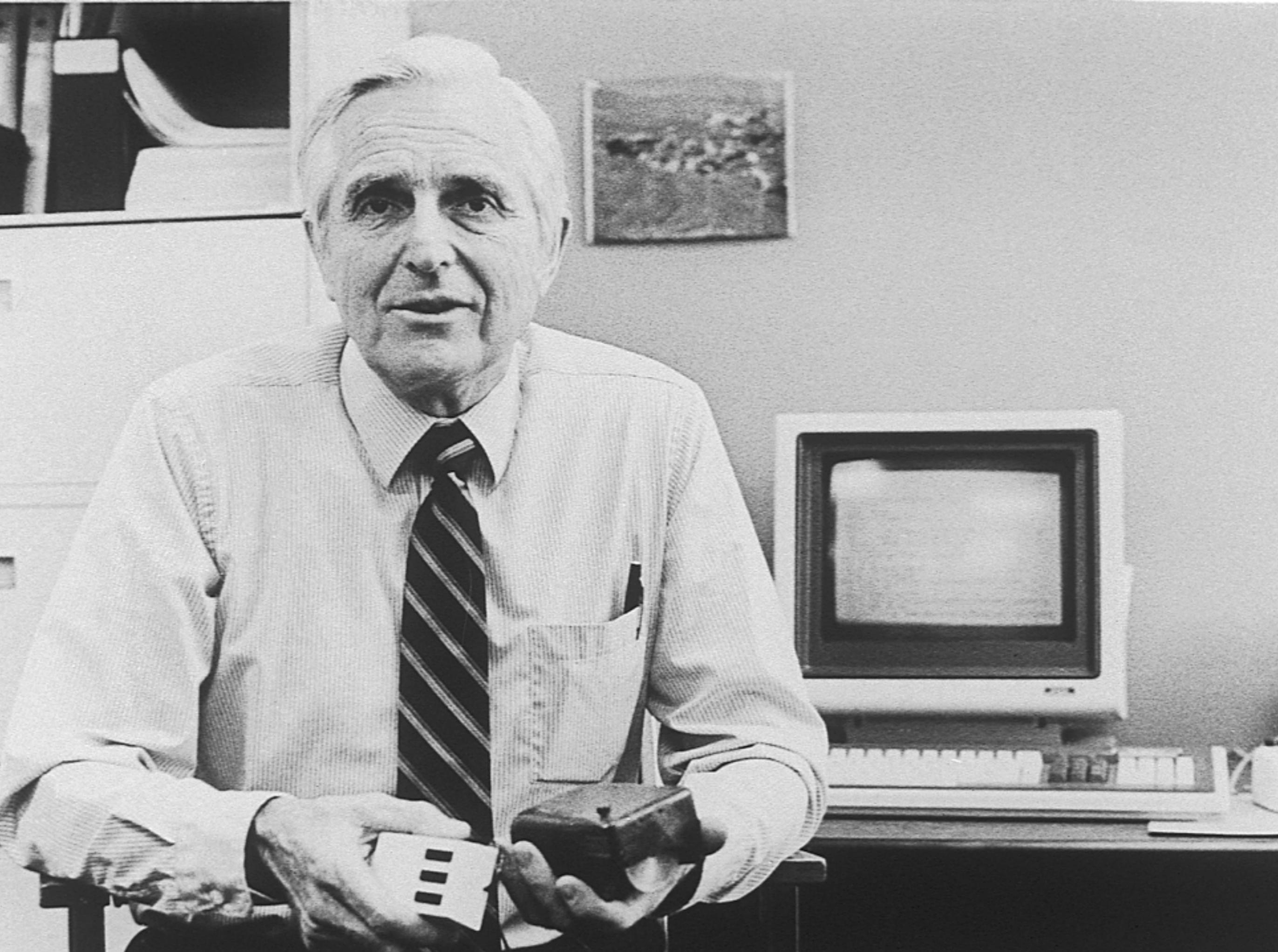
"A TOTAL TURN-ON." —STEVEN LEVY



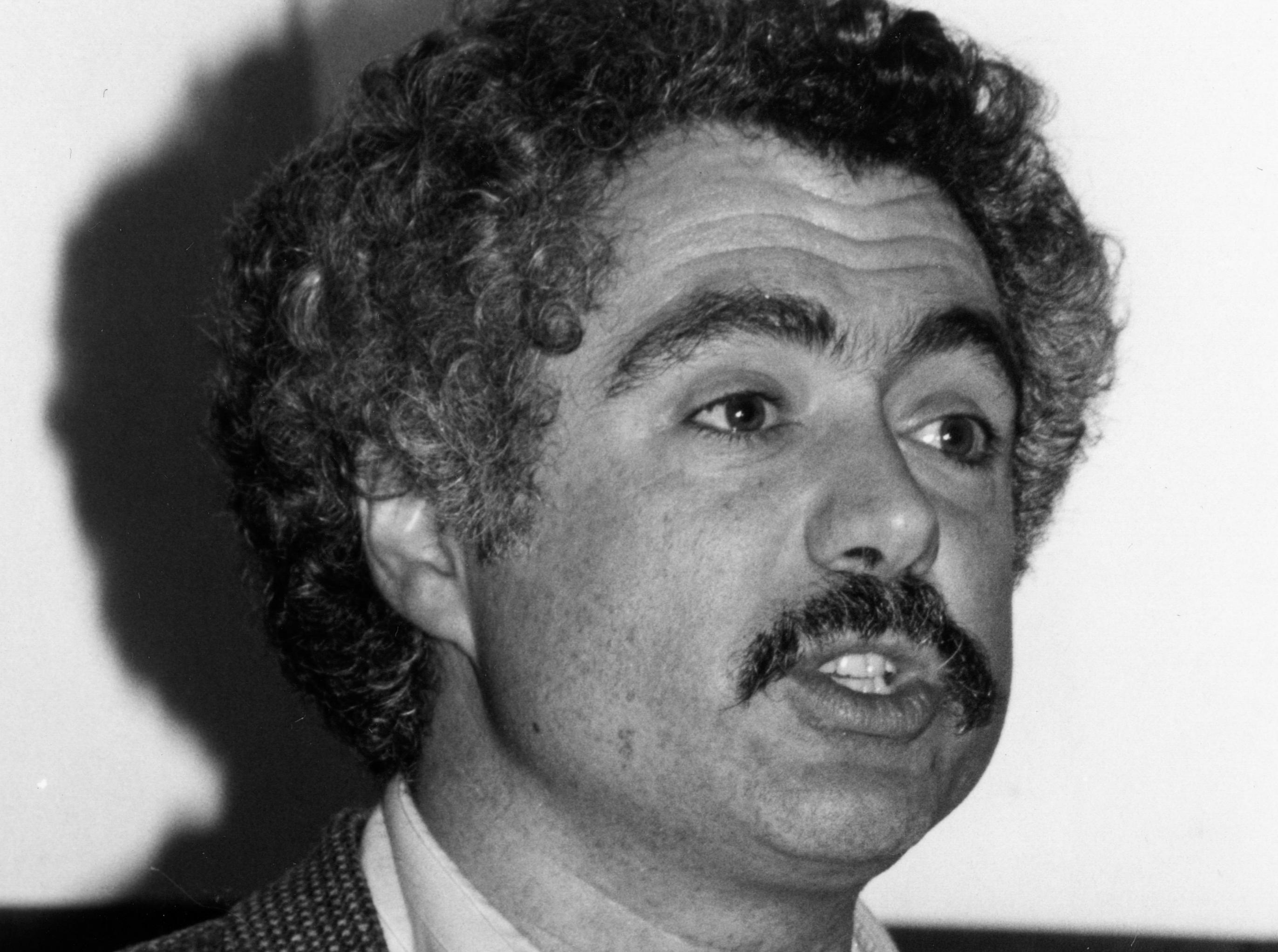


As for myself, one of the reasons for inventing the term ``artificial intelligence'' was to escape association with ``cybernetics''. Its concentration on analog feedback seemed misguided, and I wished to avoid having either to accept Norbert Wiener as a guru or having to argue with him.

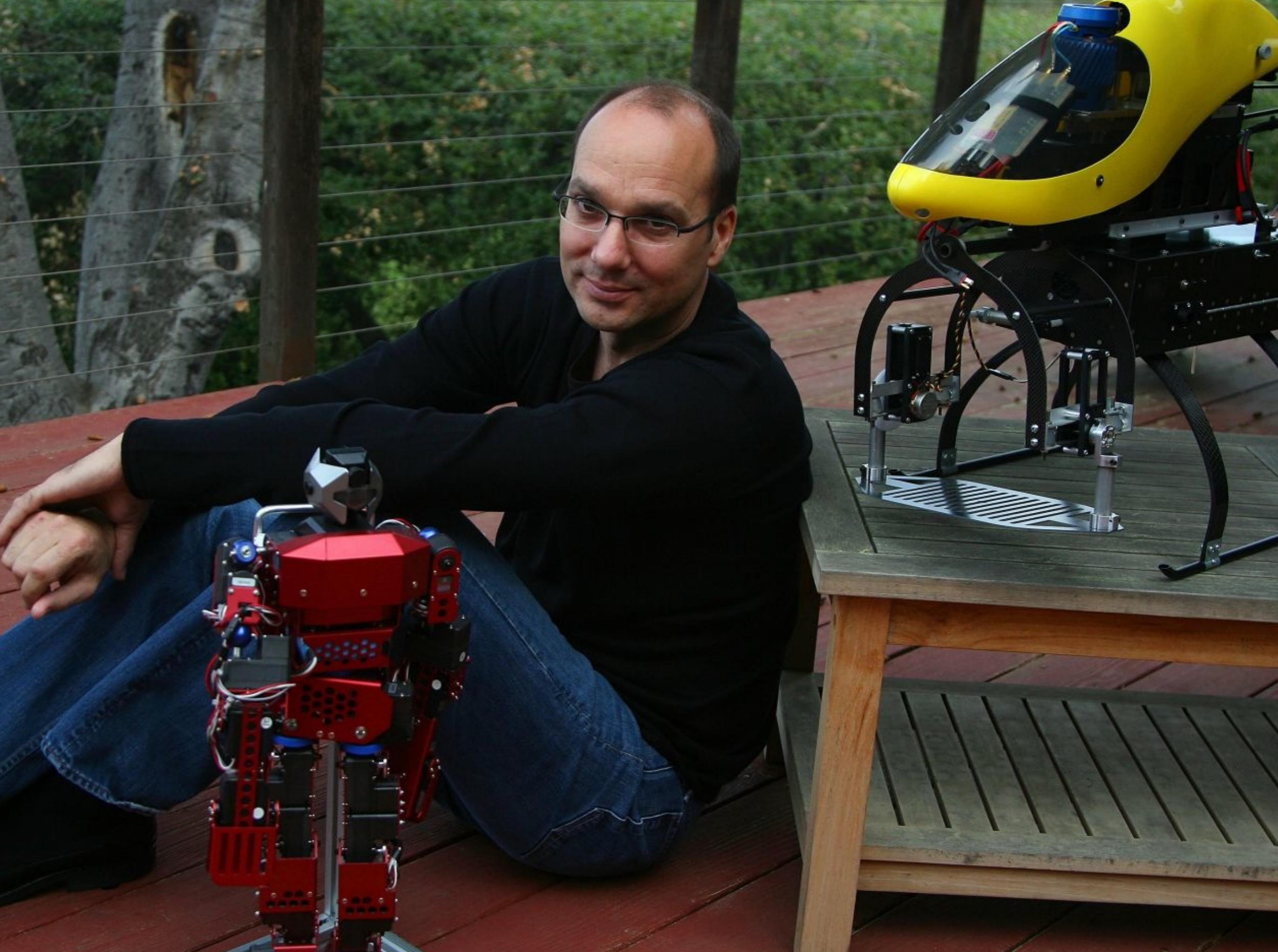
**John McCarthy**  
**“The Question of Artificial Intelligence”**  
**2/5/1996**













Cut your vacation costs.  
Not your vacation.

SMARTER THAN YOU THINK

### Google Cars Drive Themselves, in Traffic



Ramin Rahimian for The New York Times

Dmitri Dolgov, a Google engineer, in a self-driving car parked in Silicon Valley after a road test.

By JOHN MARKOFF

Published: October 9, 2010

MOUNTAIN VIEW, Calif. — Anyone driving the twists of Highway 1 between San Francisco and Los Angeles recently may have glimpsed a [Toyota Prius](#) with a curious funnel-like cylinder on the roof. Harder to notice was that the person at the wheel was not actually driving.

#### Smarter Than You Think

Articles in this series are examining the recent advances in artificial intelligence and robotics and their potential impact on society.

[Previous Articles in the Series »](#)

The car is a project of [Google](#), which has been working in secret but in plain view on vehicles that can drive themselves, using artificial-intelligence software that can sense anything near the car and mimic the decisions made by a human driver

TWITTER

LINKEDIN

COMMENTS  
(298)

E-MAIL

PRINT

REPRINTS

SHARE

We  
an a

#### MOST POPULAR

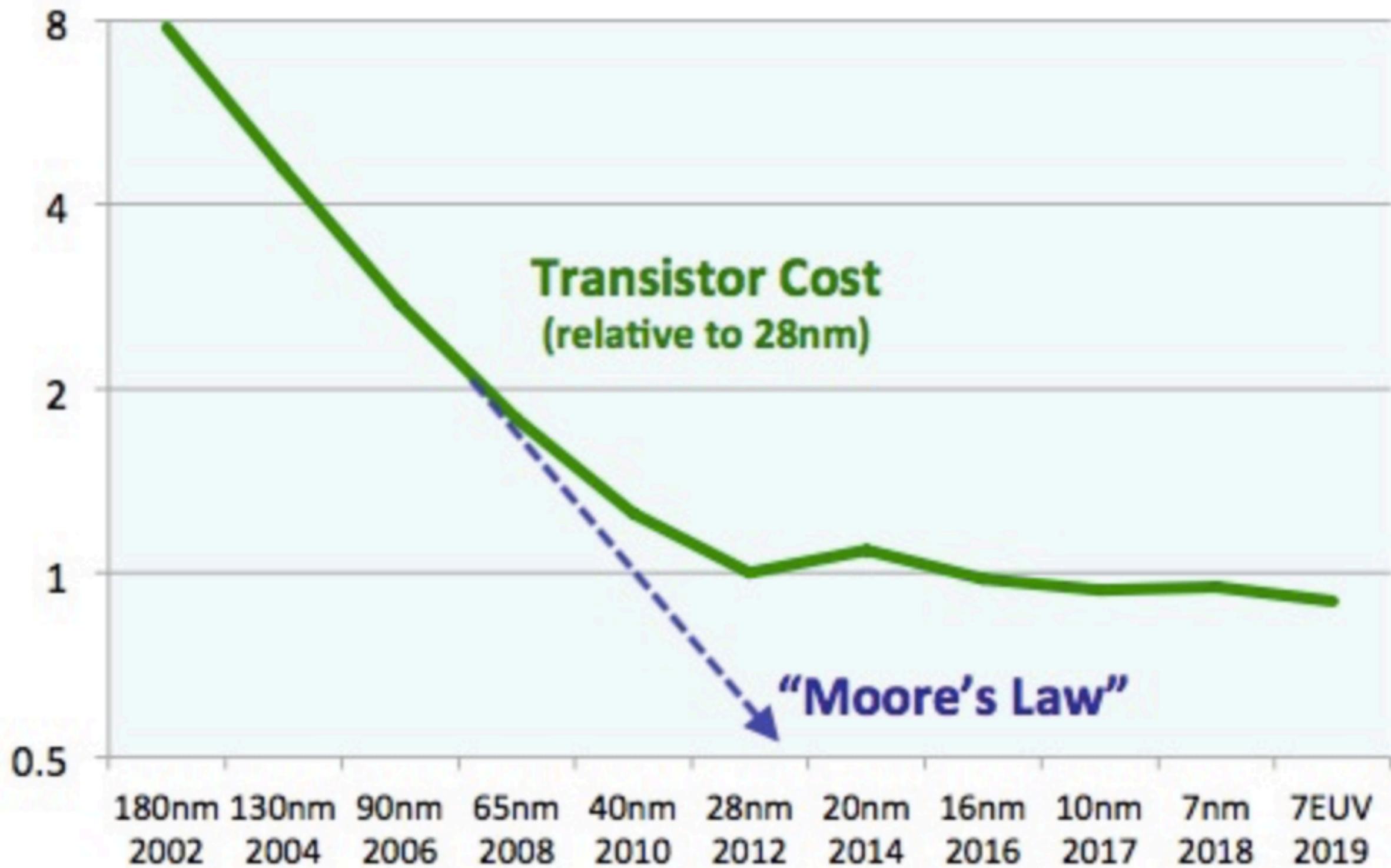
EMAILED SEA

1. Pritzker A
2. The New
3. PAUL KR
4. Selling a  
Cigarette
5. DAVID B
6. Out There
7. Amid Wa  
Sweeping
8. Opinion:
9. Smoking
10. Moving P

[Go to Complete](#)

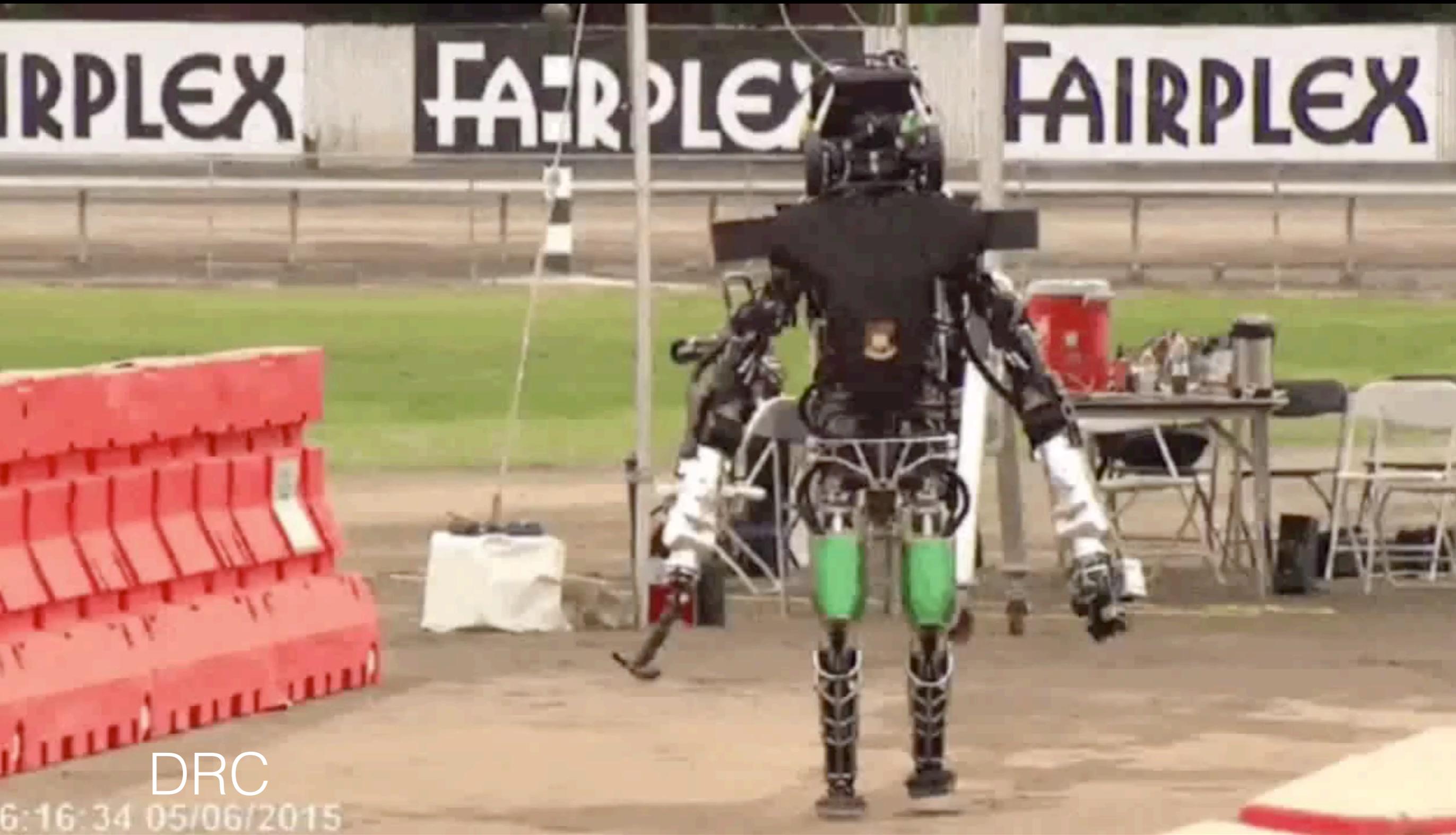


self-driving cars  
were a reality ...  
but nobody  
noticed





DEMOGRAPHY  
TRUMPS  
TECHNOLOGY



DRC

6:16:34 05/06/2015

# What Comes After the Roomba?



Silvio Savarese, a Stanford computer scientist, walking with a robot called JackRabbit at the university. Mr. Savarese is leading the team developing the machine. Drew Kelly for The New York Times

By **John Markoff**

Oct. 21, 2018



**SAN FRANCISCO** — It has been 16 years since the Roomba robot vacuum cleaner was introduced by iRobot.





“We can be humble and live a good life with the aid of the machines or we can be arrogant and die.”

Norbert Wiener