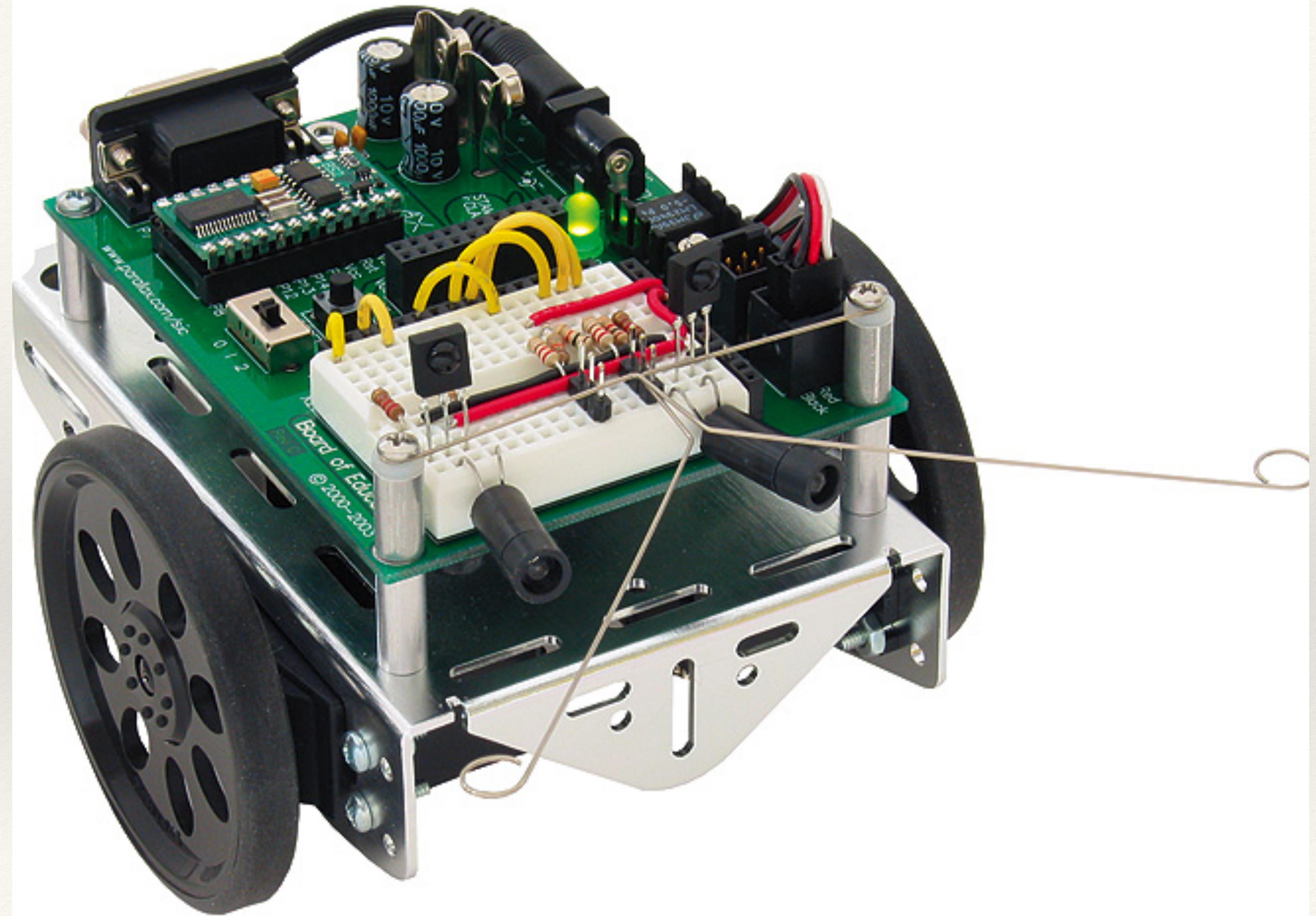
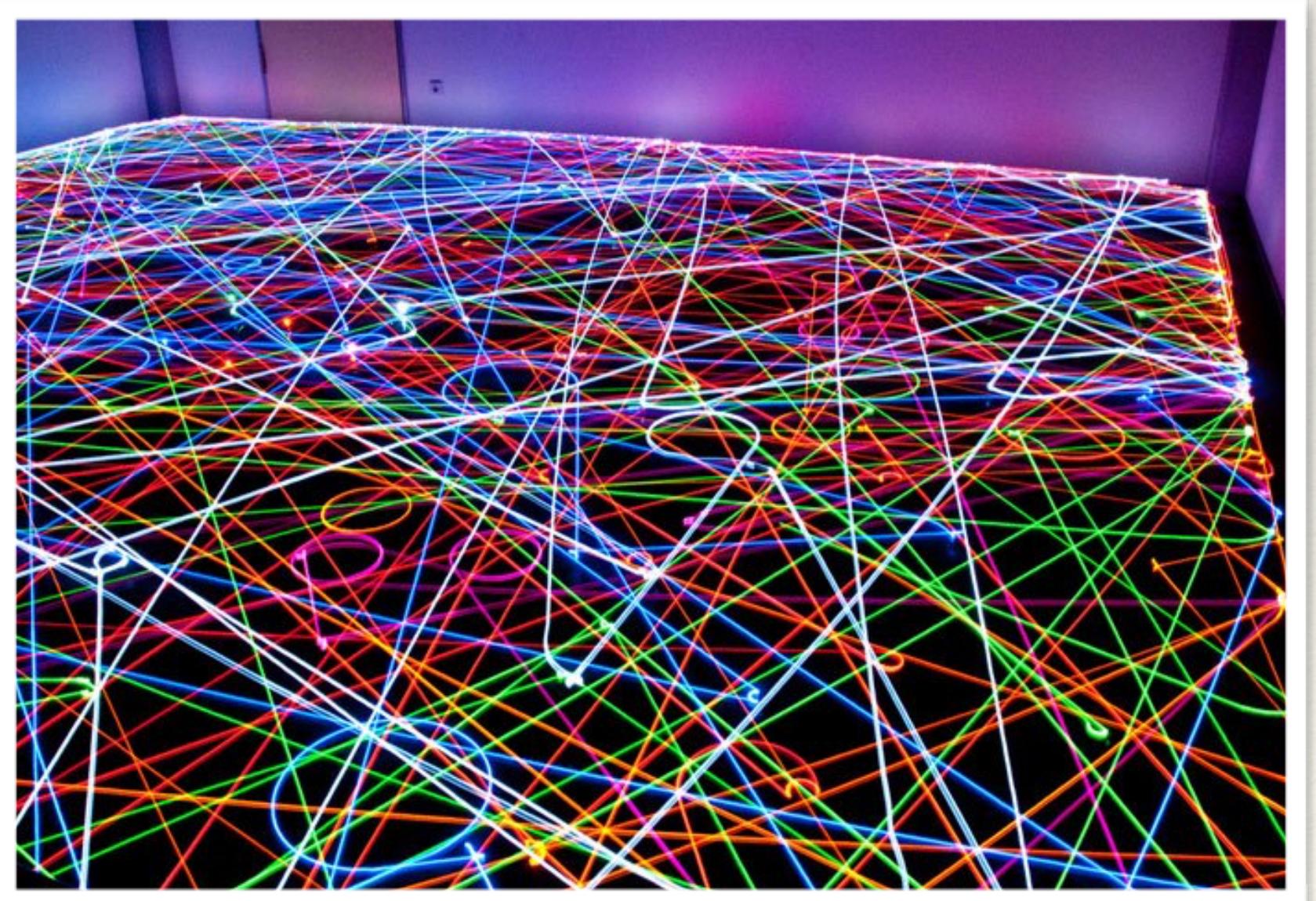
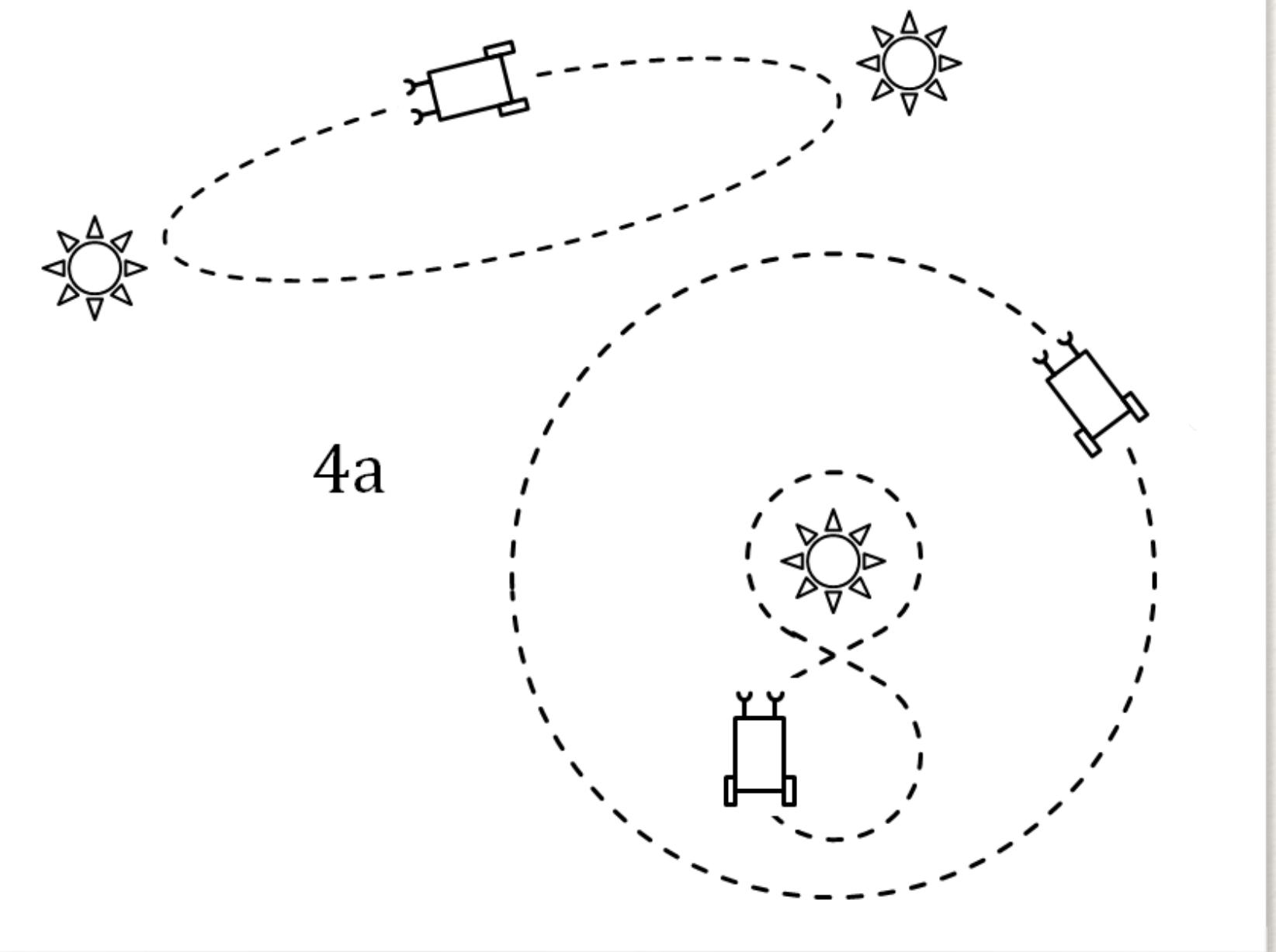
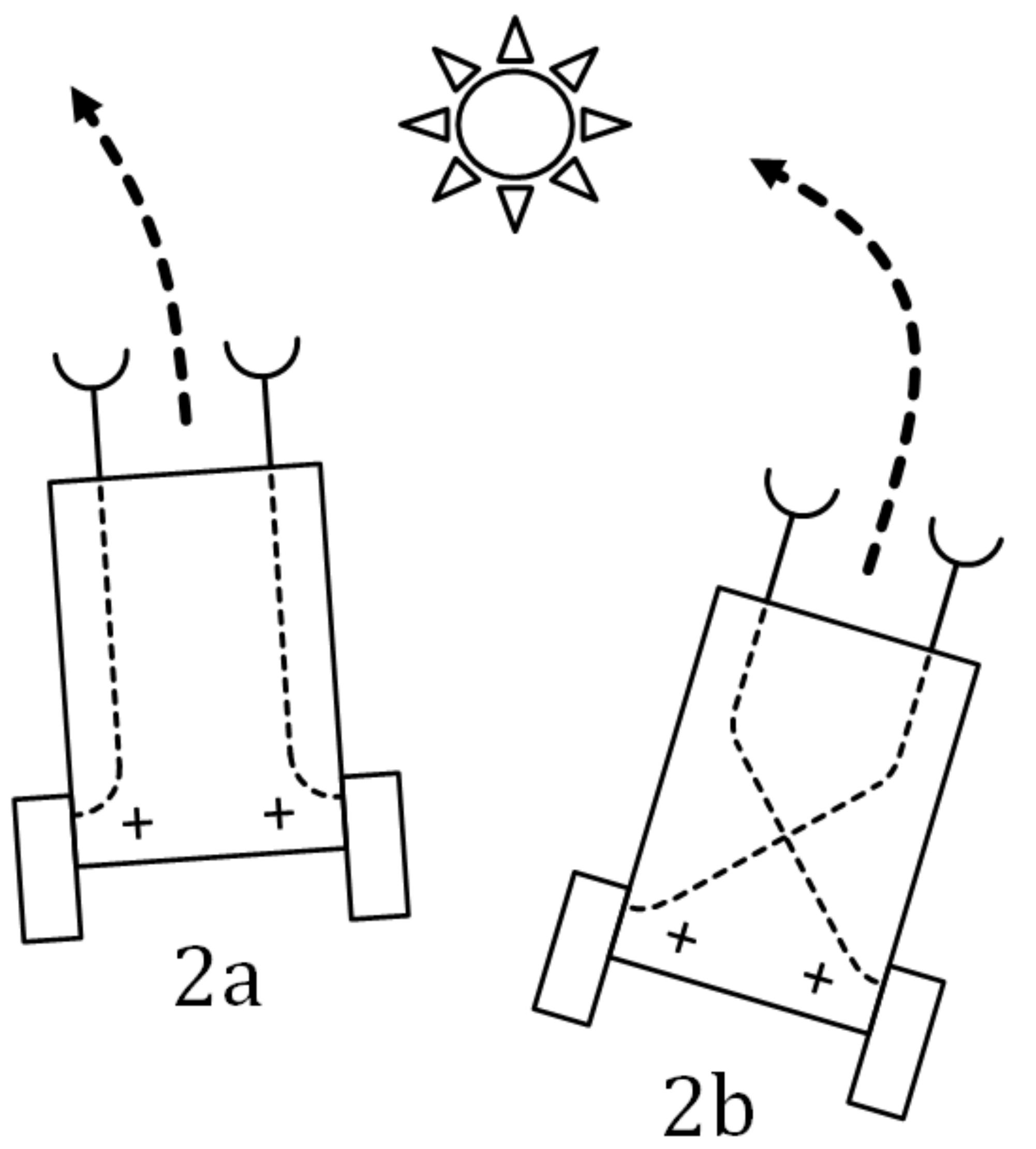


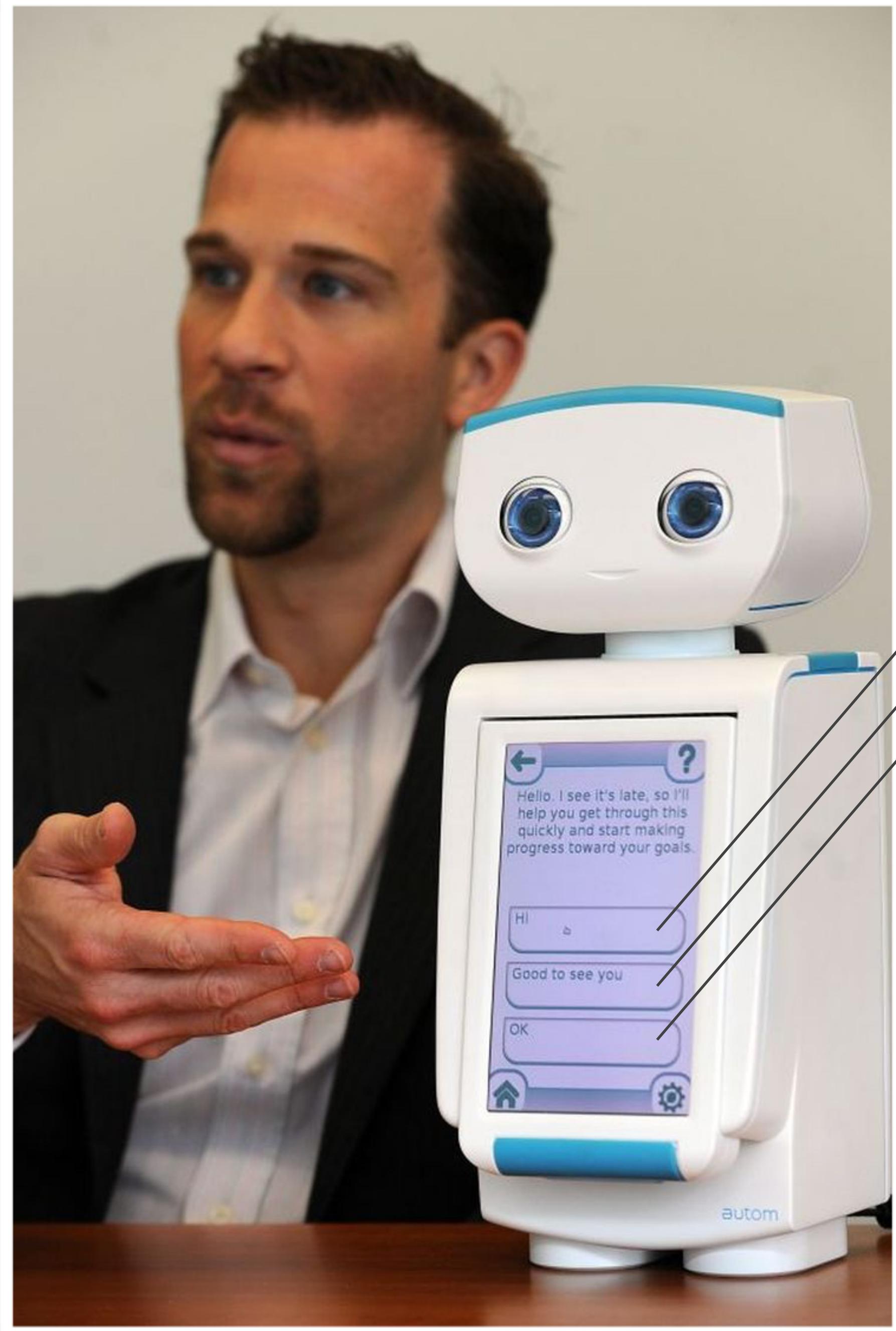
Building Personable Machines

When do the parts become a robot?









Hi
Good to see you
OK

*MATCHING IN-CAR VOICE WITH DRIVER STATE:
IMPACT ON ATTITUDE AND DRIVING PERFORMANCE*



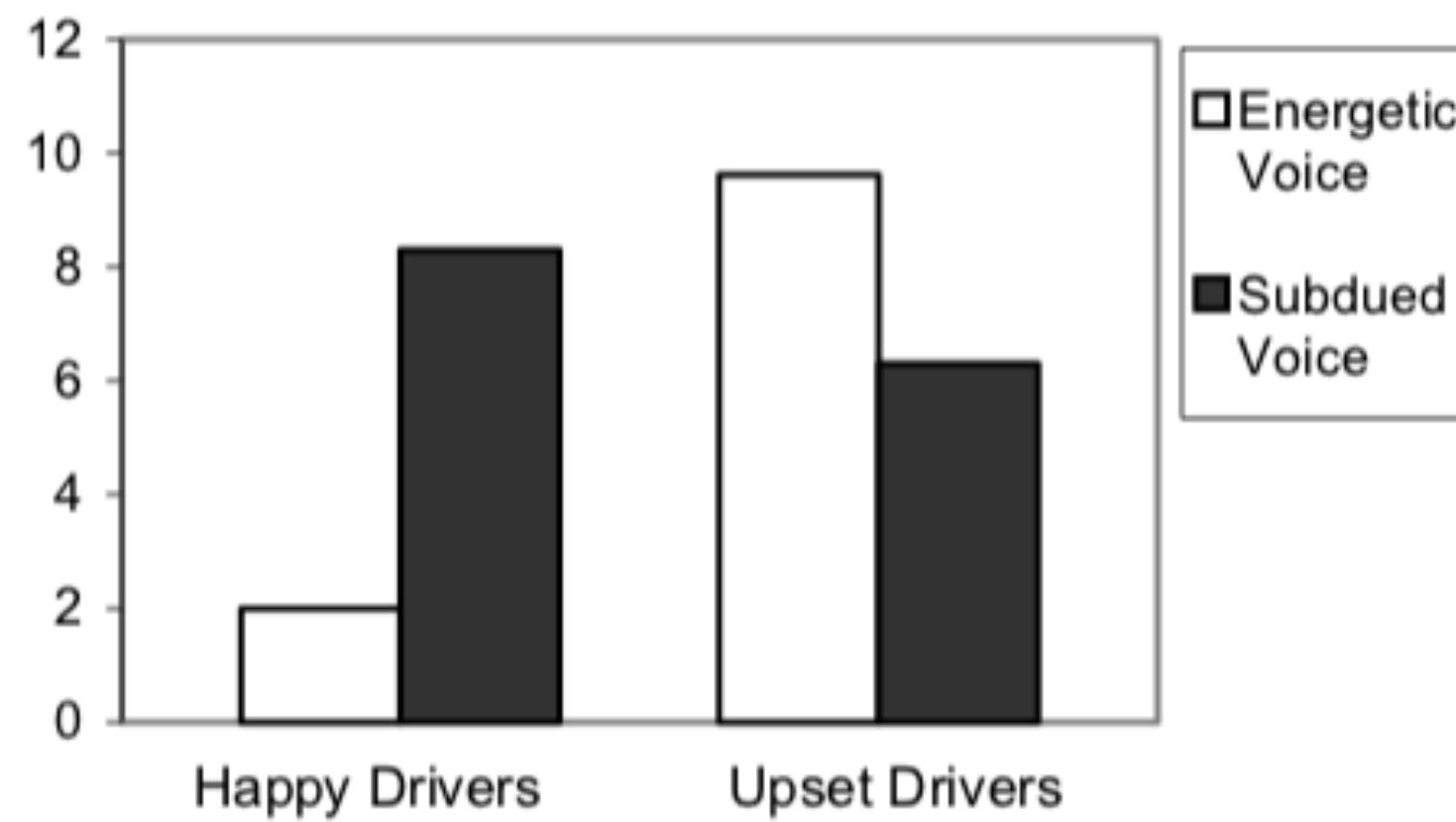


Figure 1: Number of Accidents

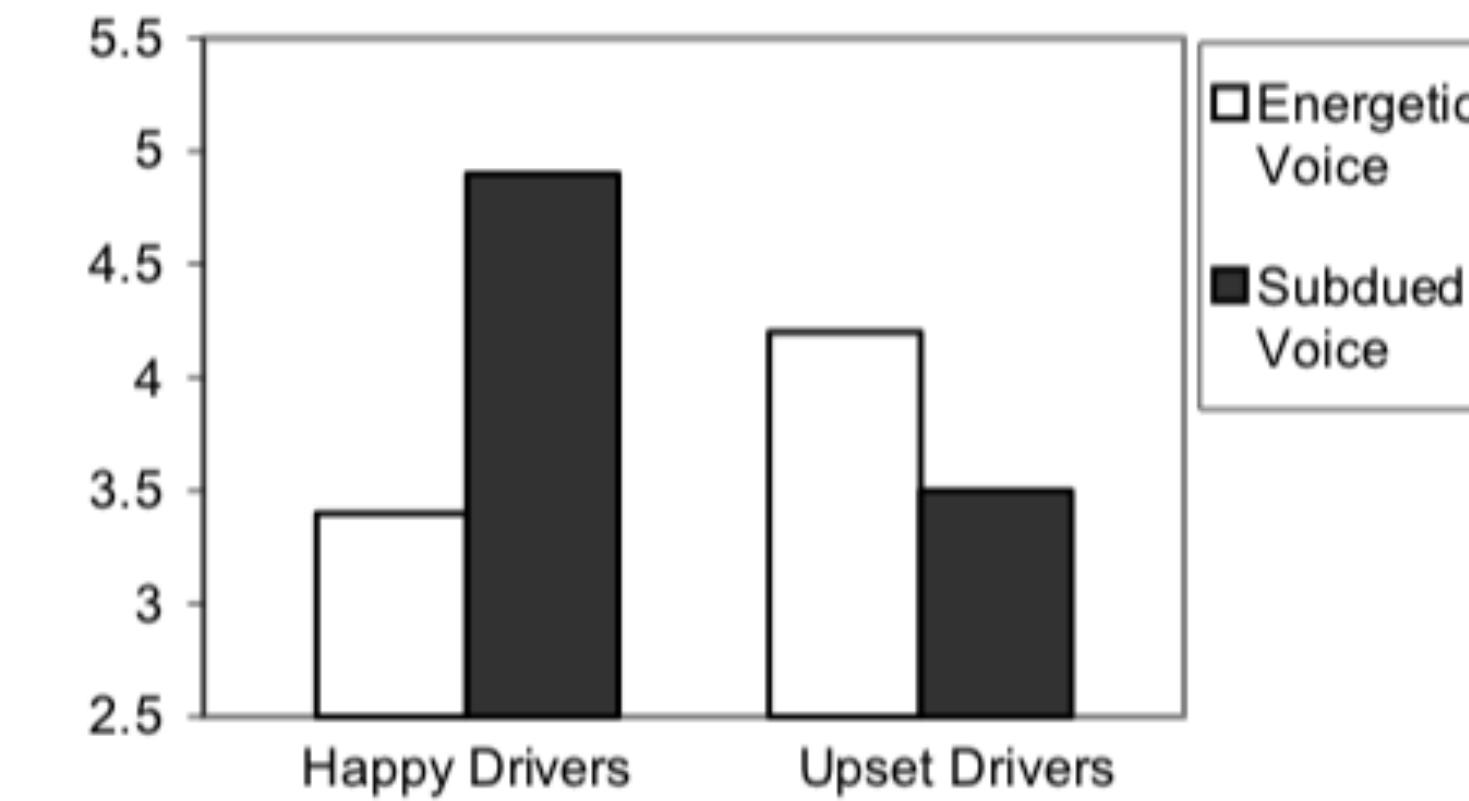


Figure 2: Accumulated Response Times to Honks

Matched groups (Happy Driver-Energetic voice and Upset Driver-Subdued voice) communicated more with the Virtual Passenger than mismatched groups, $F(1,36) = 4.50, p < .04$. There were no main effects for driver emotion or for voice emotion (see Figure 3).

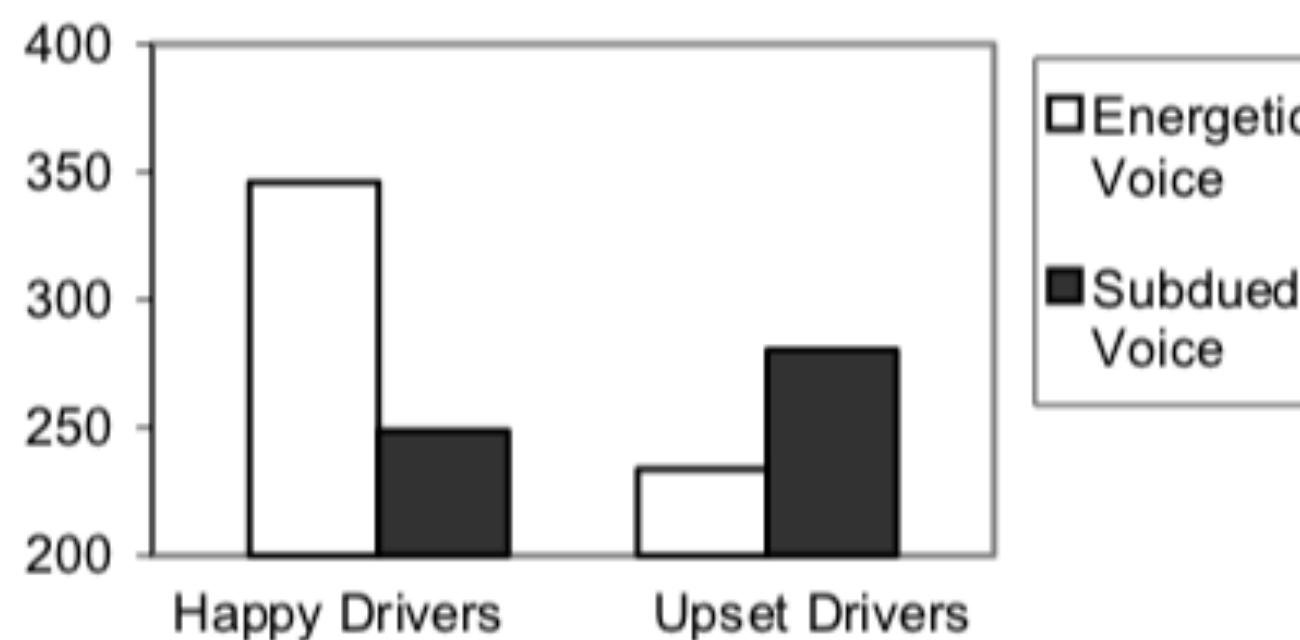


Figure 3: Amount of Communication with Virtual Passenger

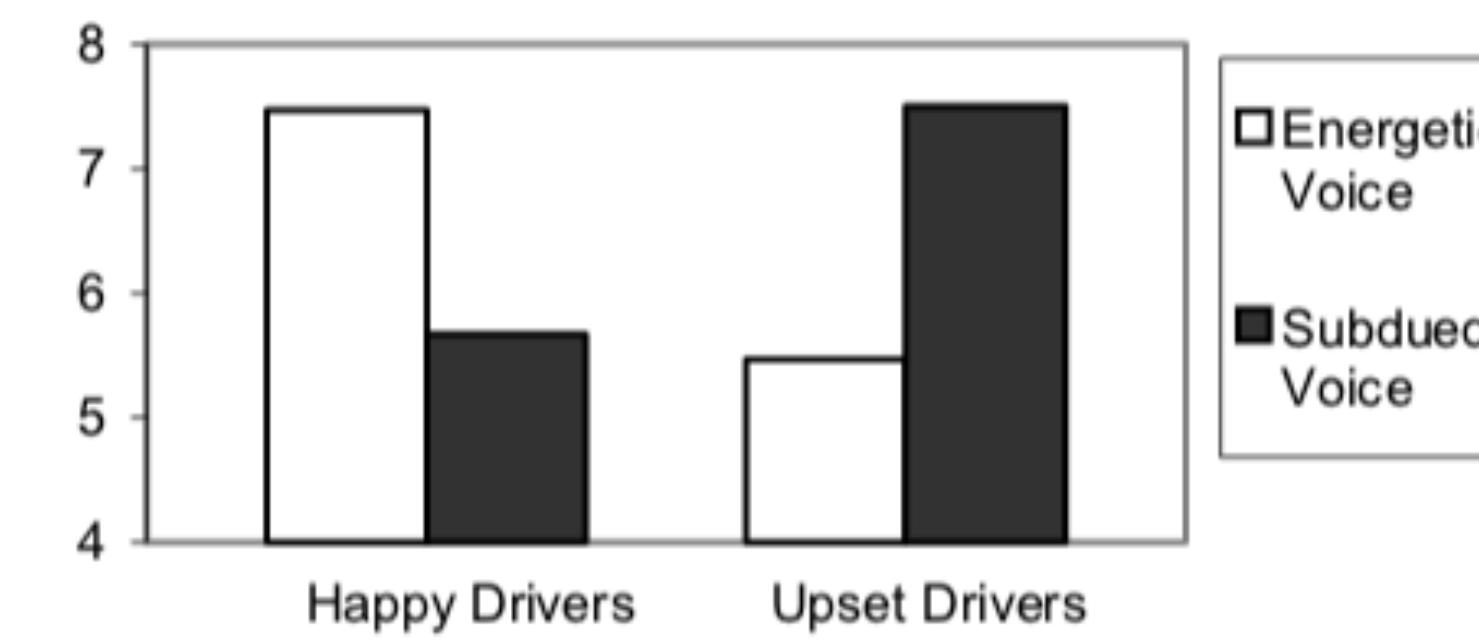


Figure 4: Attentiveness



“People find it easier and more natural to attend to voice emotions that are consistent with their own”



