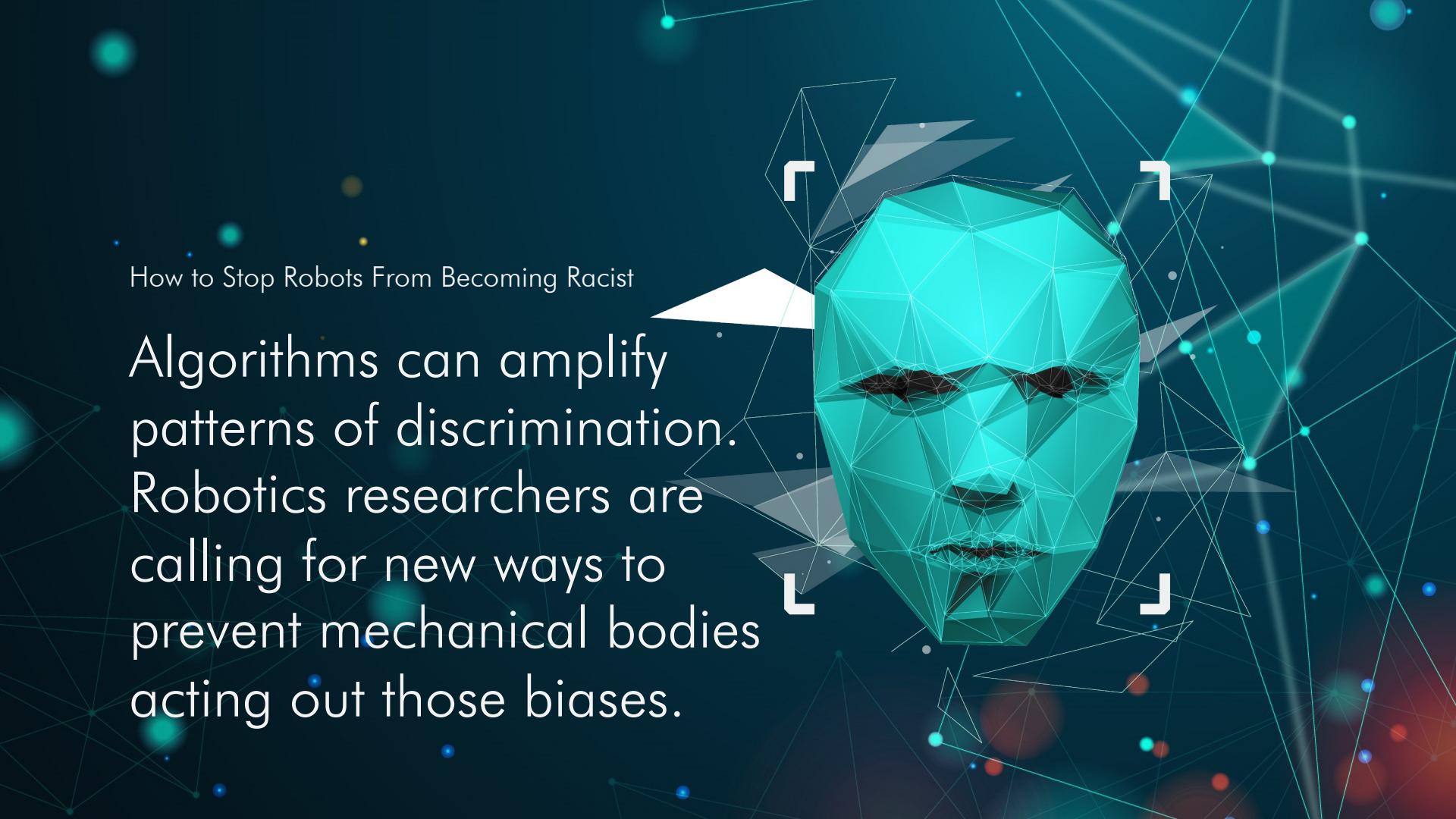


How to Stop Robots From Becoming Racist

Algorithms can amplify patterns of discrimination.

Robotics researchers are calling for new ways to prevent mechanical bodies acting out those biases.





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KHARI JOHNSON

BUSINESS AUG 18, 2022 10:00 AM

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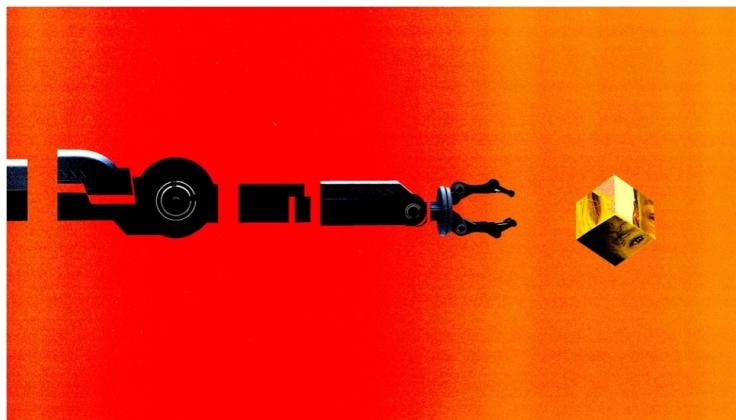


ILLUSTRATION: WIRED; GETTY IMAGES

THE WIRED
Khari Johnson, Aug 18, 2022 10:00 am

So it's all about evil robots
Well, lick my bare metal ass

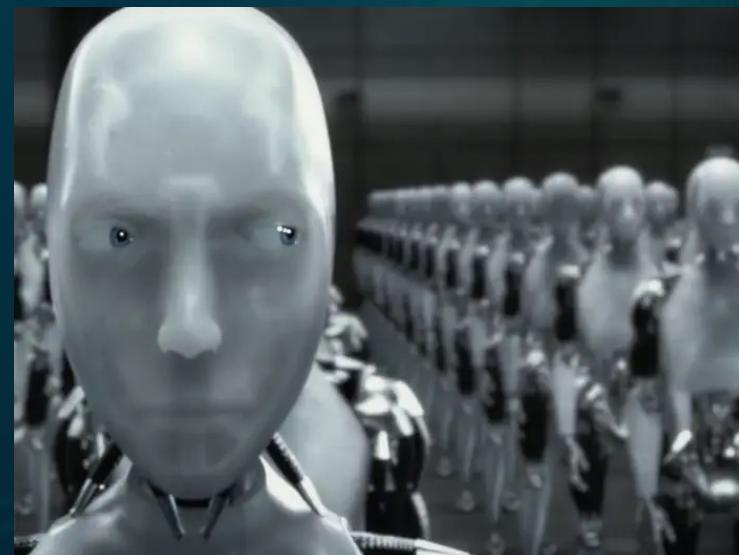


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What is it about

An AI was trained to relate images and words from online photos and text

The AI was instructed to »choose« and describe people, using phrases such as »criminal« or the »homemaker«



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What is it about

More than 1.3 million trials were made

A clear pattern emerged that
replicated historical sexism and racism



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What is it about

?

How can this be explained?

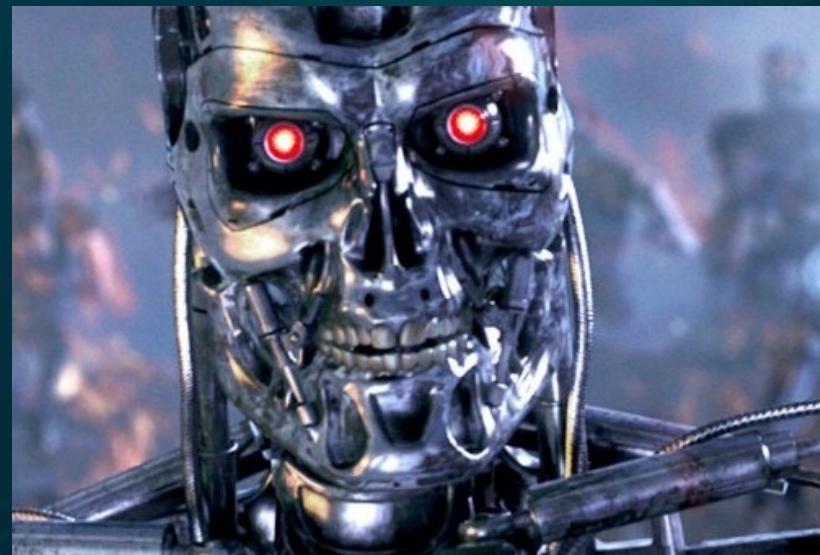
Is AI per se racist?



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What is it about

Yes!



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What is it about

Or more precisely: No!

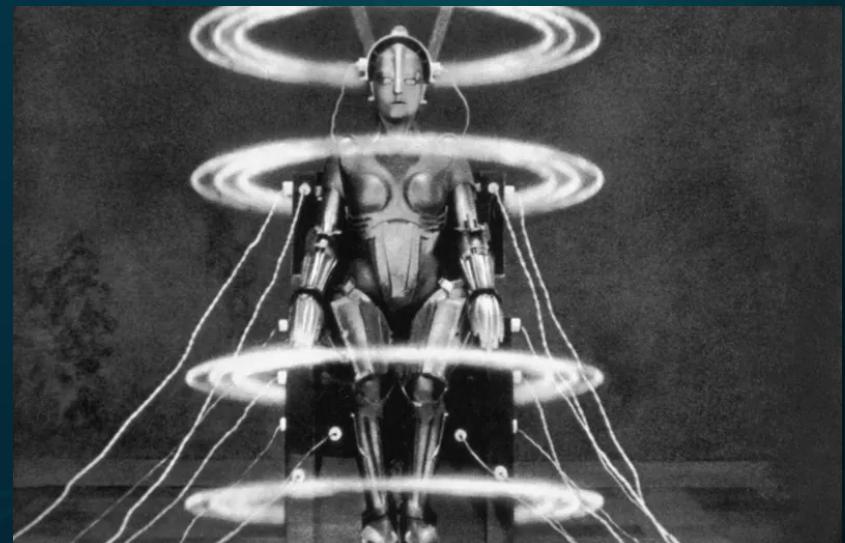


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What is it about

The AI was trained with pretrained
models that are trained on vast
collections of data from the internet

This is no longer just a problem of the
scientific community



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What is it about

AI already violates human rights in
many cases

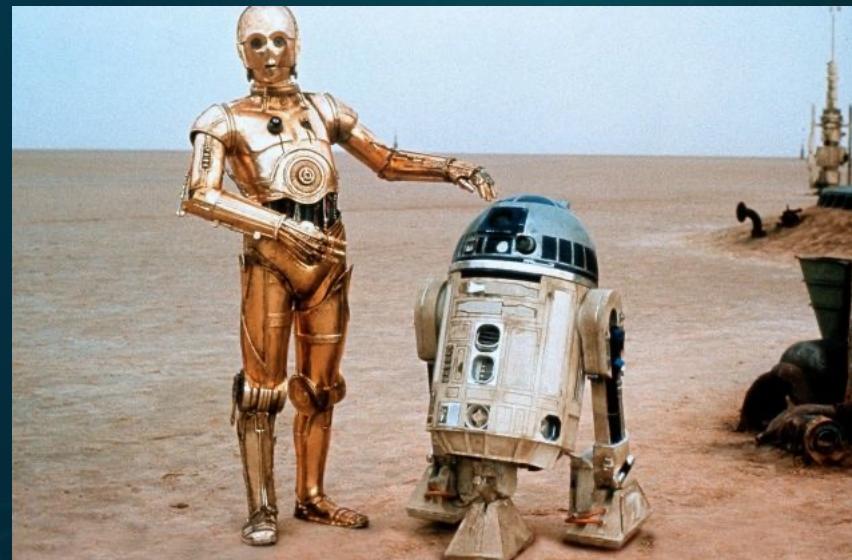
Biased algorithms in robots could
potentially cause huge problems,
since the machines are capable of
physical actions



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What is it about

What could be done to counter this?



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What is it about

Lowering the cost of robotics parts

Widen the pool of people building
the machines

Requiring a license to practice
robotics

Changing the definition of success



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What is it about

Eveloping an AI Bill of Rights

Robots with no apparent gender & be
neutral in ethnicity



»I just don't think researchers in the lab can always see the forest for the trees, and will not recognize when there's a problem [...]

It's a hard question, but one that needs to be answered, because the cost is too high for not doing it.«

Carlotta Berry, a national director for Black in Robotics



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LOVE

01101001 00100000 01101100 01101111 01110110 01100101 00100000 01111001 01101111 01110101

HATE

01001001 00100000 01101000 01100001 01110100 01100101 00100000 01111001 01101111 01110101



Wir sind auch alle programmiert
Und was du willst wird ausgeführt



It is not the AI that is racist
It's the people





THANKS!

Do you have any questions?

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