



Dear Editor,


I'm writing with great concern about humanoid robots. Equipped with artificial intelligence, humanoid robots have become a big trend in technology development. Many countries like China, the United States, and Japan have been focusing on developing humanoid robots. I agree that humanoid robots can improve our quality of life, but if we do not use them properly, they will bring a lot of problems to our society.

First, humanoid robots can help with elderly care. Besides basic functions like cooking and cleaning, humanoid robots are more advanced nowadays. They have more varied systems for home services and healthcare. For example, China is exploring services for early warning and prevention of safety risks in home-based elderly care. By having humanoid robots to take care of the elderly, we do not need to hire domestic helpers or spend our own time, so we can save money and time.

Not only can humanoid robots help with elderly care, but they can also increase our efficiency. Humanoid robots can work in factories and help with production. As they do not feel tired and have high accuracy, they can help us do repetitive and physically demanding work. For example, Atlas can assist with engineering work as it can go to high places. This improves the safety of the engineers.

While humanoid robots hold great potential to enhance our lives, it is undeniable that they raise concerns.






As humanoid robots become capable of performing an increasing variety of tasks, we are witnessing a rising trend in unemployment rates. Due to their high accuracy, efficiency, and multiple functions, many companies choose to use humanoid robots instead of hiring workers. For instance, numerous restaurants in China are now employing humanoid robots to serve as waitstaff. Furthermore, Tesla's Optimus can be a personal bodyguard. So, when humanoid robots become more common, waitstaff and bodyguards may lose their jobs.

Apart from unemployment, humanoid robots may also cause isolation. As they are highly human-like, people can use them as companions. For example, Pepper can recognize human emotions and do different things according to those emotions. If you are sad, it will comfort you. It can also play air guitar and play games with you when you are bored. When people spend all their time interacting with humanoid robots, their face-to-face interactions with other humans decline, which can ultimately lead to feelings of isolation.

China is using humanoid robots for national security purposes. For example, Shanghai has established guidelines for humanoid robots. It claimed that their designs and application should not threaten human safety, and they are expected to drive economic growth, particularly in healthcare, home services, agriculture, and logistics. In order to strengthen national security, Tiangong has been trained to work in high-risk environments. It can walk on different types of ground such as sand, stone, and sandbags. This allows Tiangong to survive in different environments, and it can be used in the military.





In conclusion, humanoid robots can be beneficial to humanity when used ethically. However, if mismanaged, the concerns they raise could lead to significant dangers in our world. I believe that it is crucial that we utilize humanoid robots thoughtfully to ensure a positive impact on society.

Yours faithfully,  
Kylie Cheng

