

Домашнее задание №9 16.11.23

"Metalhead" thrusts viewers into a bleak world dominated by an enigmatic catastrophe. Bella and her companions navigate this grim reality, facing not only the scarcity of resources but also the relentless pursuit of robotic "dogs" gone rogue. Each step is fraught with tension as these mechanical hounds, designed for protection, have become merciless hunters.

The narrative unveils the haunting aftermath of a technological uprising, leaving landscapes in ruins and humanity on the brink. Bella's struggle is not just against the metal adversaries but also against the desperation that permeates every frame. The black-and-white cinematography intensifies the starkness of their journey, emphasizing the contrasts between the remnants of the past and the cold, sterile future.

As Bella confronts the relentless pursuit, the true nature of their mission comes into focus, revealing layers of intrigue and ethical quandaries. The episode skillfully weaves a tale of survival, sacrifice, and the unyielding human spirit against a backdrop of technological dystopia.

The article discusses the increasing presence of humanoid robots in various industries, such as logistics, manufacturing, healthcare, and hospitality. Despite initial unease due to their lifelike appearance, these robots are making positive impacts. Some examples include bartenders, concierges, and companions for older adults. The humanoid robot market is expected to grow, with Tesla introducing a prototype called Optimus capable of handling repetitive tasks. However, challenges remain, including pilot programs to ensure safe collaboration with humans. The article explores the potential societal integration and acceptance of humanoid robots, emphasizing their impact and benefits.

- a) Pepper's technological advancements include facial recognition capabilities and emotion tracking. It likely employs advanced sensors, actuators, and AI algorithms to achieve these features.
- b) Pepper finds applications in classrooms, healthcare settings, and as a hotel concierge. Its role extends to monitoring contactless care and communication for older adults. The robot has even been employed to cheer on a baseball team in Japan, showcasing its versatility.
- c) Performance metrics for Pepper would involve its ability to accurately recognize

faces, track emotions, and interact effectively. While specific metrics may vary, reliability and adaptability are crucial. Limitations may include potential challenges in complex environments or scenarios requiring fine motor skills.

d) Fun fact: Pepper gained attention for its role in cheering on a Japanese baseball team during the pandemic, demonstrating its capacity to engage and entertain in unexpected ways.

Pepper, from Softbank Robotics, stands out with facial recognition and emotion tracking. It's used in classrooms, healthcare, and as a hotel concierge. Notably, it cheered for a baseball team in Japan during the pandemic. Key metrics involve face recognition, emotion tracking, reliability, and adaptability.