

# Two-legged Walking Robot: E1

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September 2019

## 1 Description

There is E1 an early prototype of the Japanese humanoid robot Asimo(fig.1 left). E1 was the first of Honda's second generation of robots that would achieve fast, stable walking in the human living environment. The human skeleton was used for reference when locating the leg joints(fig.1 right). The models had achieved walking at static pace of 0.25km/h with a certain distinction of movement between the two legs. (1)

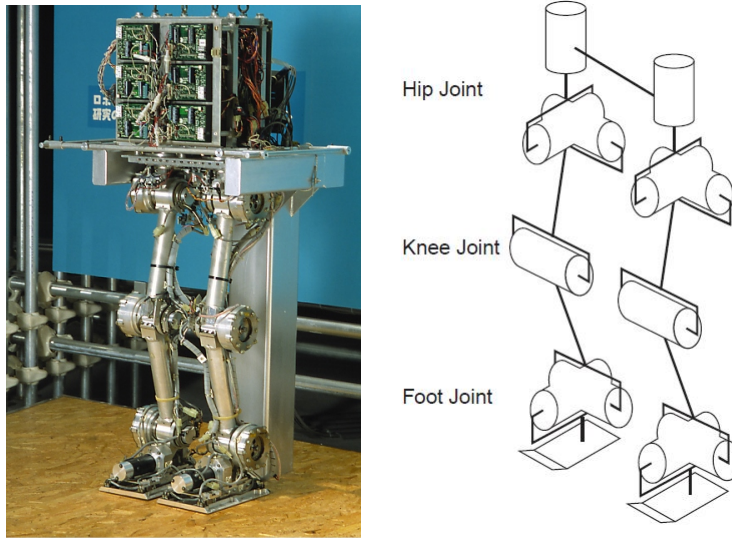


Figure 1: Honda E1: the prototype 1987-1991 (left) and Joint Placement(right)

## References

- [1] Asimo: Technical Information,  
<https://global.honda/innovation/robotics/robot-development-history.html>