

Social and ethical issue ... Why have I developed the android?



•Practical robot systems in the near future •Interactive robots as basic research



































## **Definition of geminoid**

Humanoid = Humanlike robot Android = Robot that has human appearance and behavior Geminoid = Tele-operated android of an existent person



Android

Humanoid

Geminoid



Motion capture system for measuring the rip movements
Behavior selection by using GUI (6 behaviors)



Difference between my observation and other people's observations
When I saw the static geminoid, it was like a mirror. However, when it naturally moved, I could not recognize it as my movements.





Meeting by using the geminoid

Both of I and the visitors can quickly, less than 5 minutes, adapt to the conversation through the geminoid.



- Find a card and give it to the geminoid

- Comment on the geminoid

















