











## Bad measure: example

Consider this calculus question:

"What is the name of the big city in the middle of that little place in the middle of South Africa, a bit up from Joburg?"

















## User Experience in Games and Virtual Environments



























User Experience in Games and Virtual Environments

















## Physiological measures — discussion II

- Lack of theoretical basis
  - No particular physiological correlates of presence found
    If found, likely to be confounded with other mental states
  - In Meehan et al, no way to argue that it was presence rather than anxiety from the cliff
- Physiological measurements of psychological states usually fail
  - E.g., Lie detection









