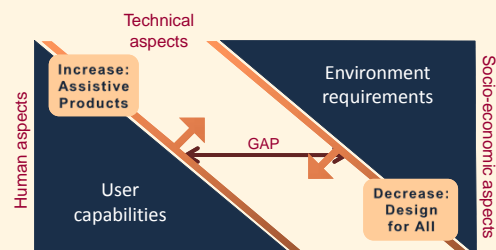


# Introduction. The disability concept

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## Disability



## Human aspects

- Anatomy
- Physiology
- Biomechanics
- Disabilities
- Psychology
- Sociology
- Knowledge transfer
- Ethics



## Socio-economic aspects

- Service delivery
- Standards
- Economic and legal aspects
- Social and employment integration



## Technical aspects (1)

- |                                |                      |
|--------------------------------|----------------------|
| □ Mobility: Manual devices     | Chairs, sticks...    |
| □ Mobility: Mechanical devices | Chairs, elevators... |
| □ Positioning                  | Pillow, *-rests...   |
| □ Private Transport            | Cars, boats...       |
| □ Public Transport             | Buses, planes...     |



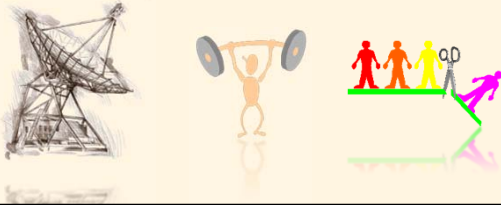
## Technical aspects (2)

- |   |                                       |
|---|---------------------------------------|
| □ Communication between people          | Reading, writing, hearing, Braille... |
| □ Telecommunications                    | Radio, fax, telephone, e-mail...      |
| □ Human-Machine Interfaces              | Electrical, mechanical...             |
| □ Robotics                              | Transport, control...                 |
| □ Multimedia environments (interaction) | CD, Video, DVD, TV, DVB-* ...         |



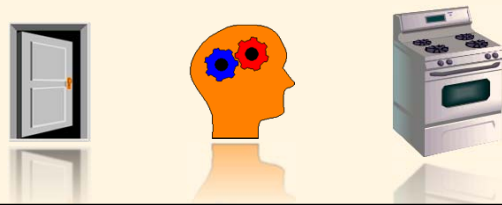
### Technical aspects (3)

- Guidance systems                      GPS, maps, acoustics...
- Motor function (rehabilitation)      Training, stimulation...
- Motor function (compensation)      Prosthesis...
- Support daily life                      Wash, bath, cook...
- Recreation and Sports                Toys, smoke, tools...



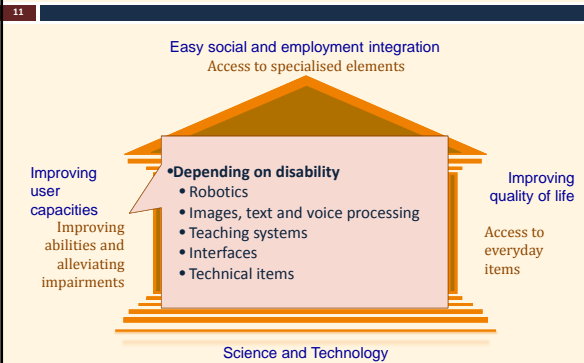
### Technical aspects (& 4)

- Environment control (home)      Home devices, domotics...
- Environment adaptation              Ramps, bathrooms, furniture...
- Education                              Therapy, education support...
- Cognitive development              Memory and intelligence...
- Others                                  Therapy, mobility...

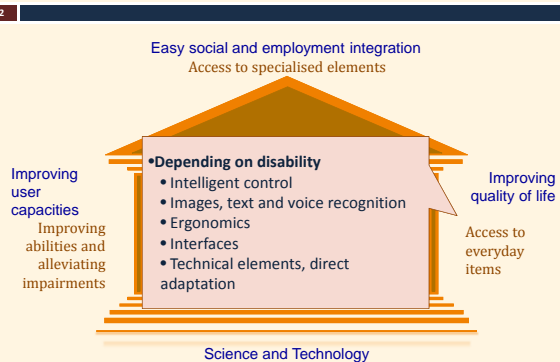


## Disability facing the world

### Disability facing the world



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### Disability facing the world

