

**Example for TRIZ training**  
**- How to make**  
**the good Choice?**

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# TRIZ Training course

History

Tool

- RCA, Function Analysis, Resource, etc.
- Principles, Standard, Su-F model
- Contradiction, IFR
- Evolution
- ARIZ

To explain TRIZ,

every lecture needs easy & simple example

**BUT, the example does NOT related  
each other.**

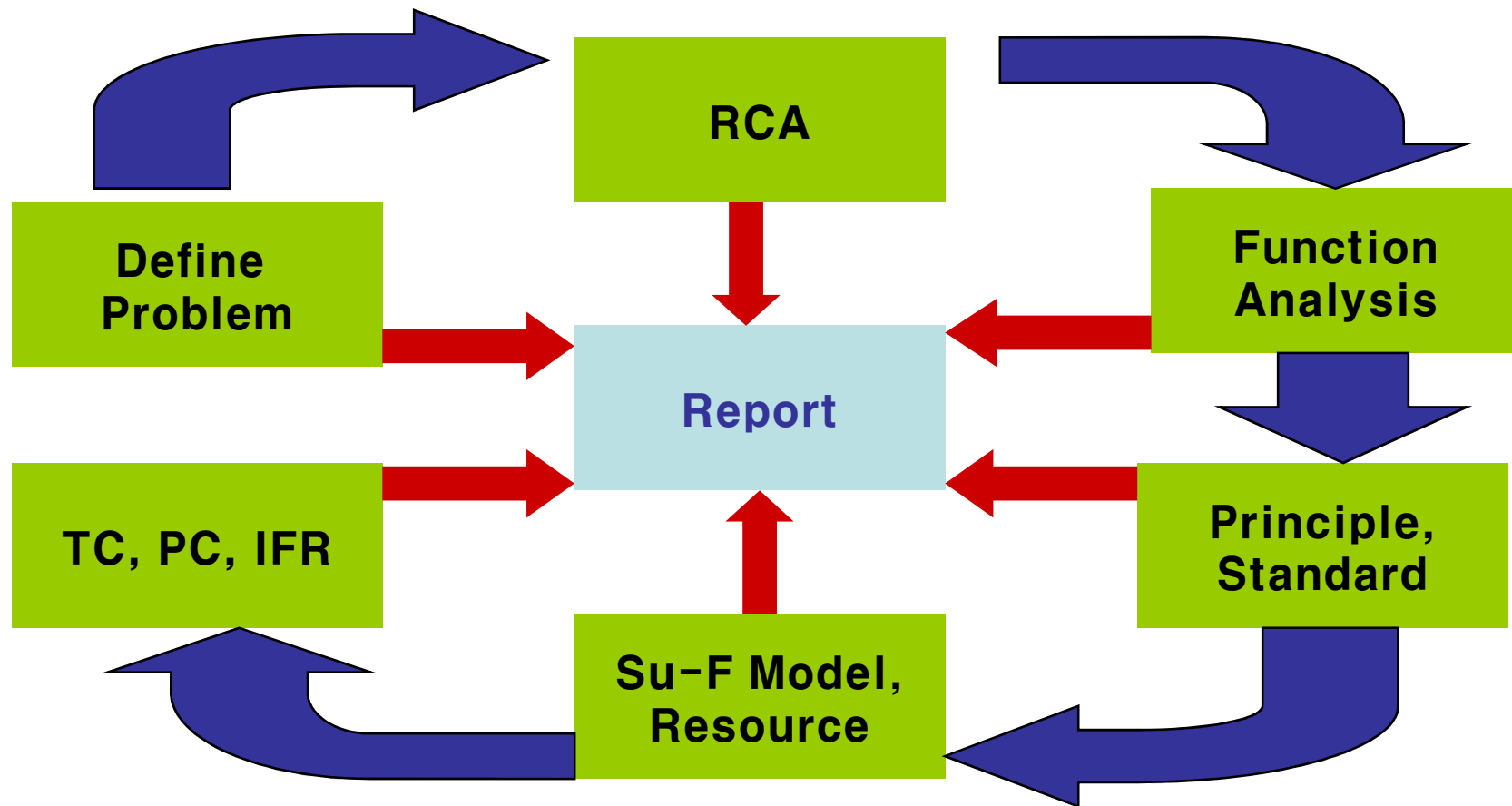
# Voice of our Customs

- TRIZ is so difficult to understand.....
- Every example is so easy and understandable,  
BUT when I want to apply my problem.....HARD
- Even good Example explain tools, BUT it's so far to me.

**TRIZ training teach the TRIZ tools,  
BUT don't teach how to apply his problem.**

# My TRIZ Training course

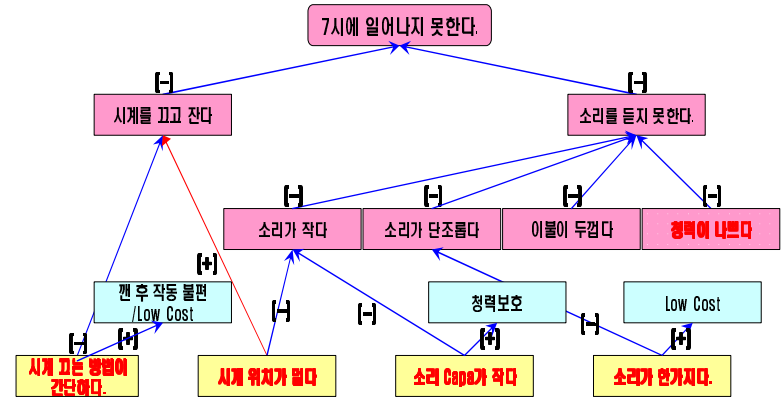
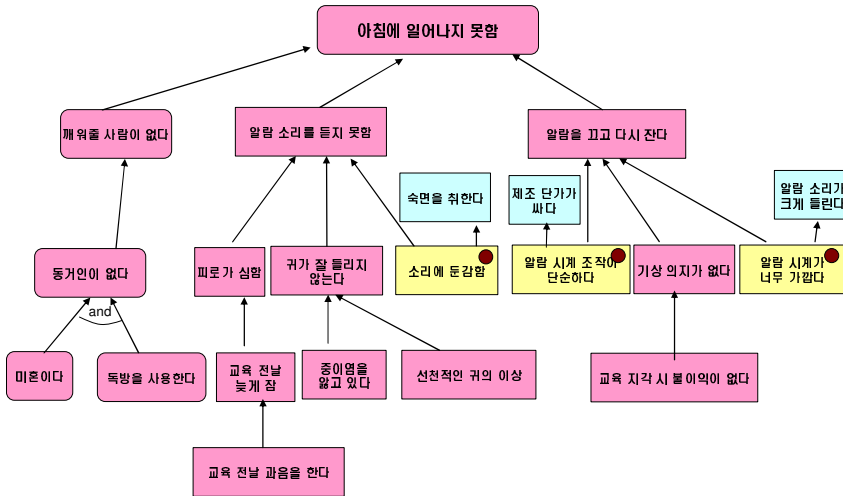
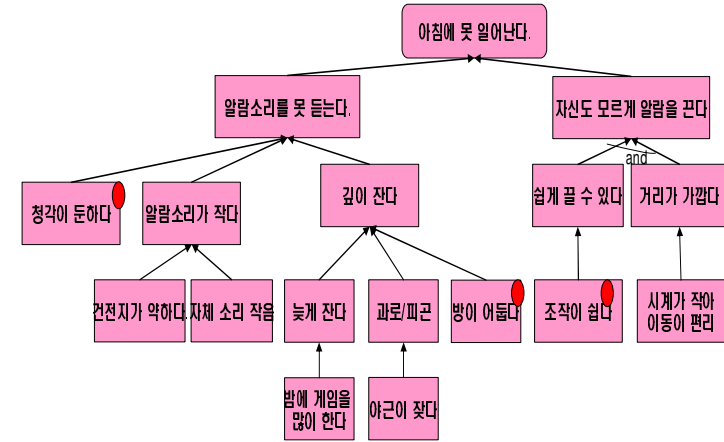
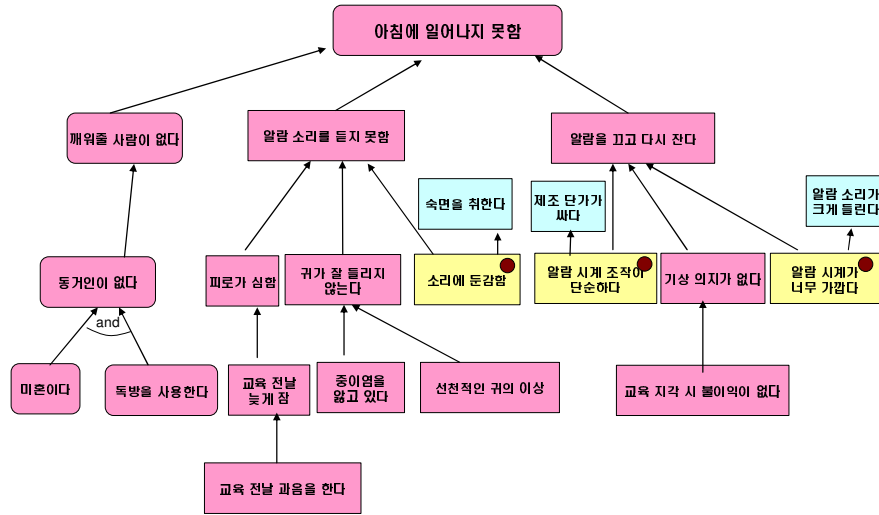
- try TRIZ tools for ONE Example
- My Example is Alarm clock.



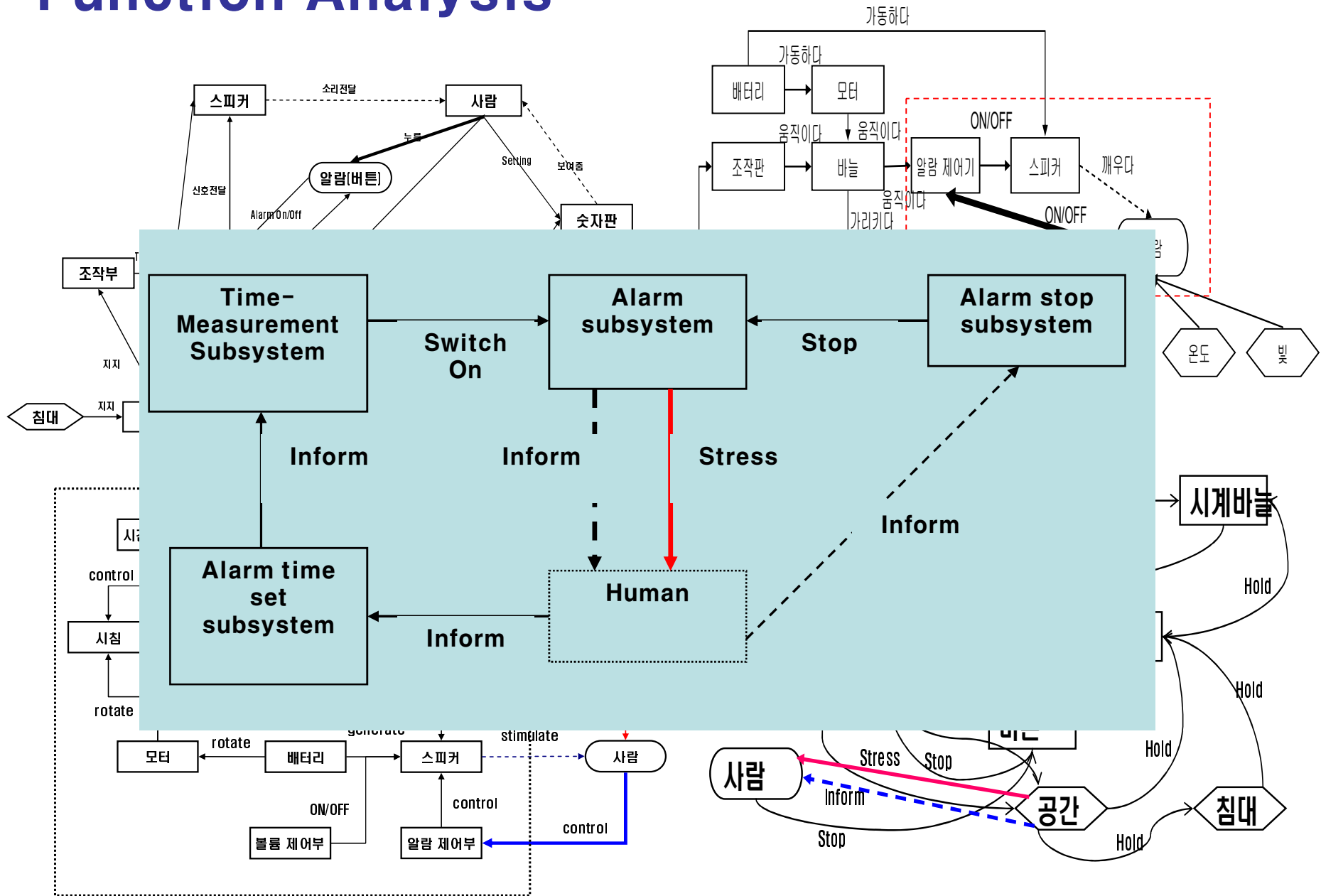
# Why I pick up the alarm Clock?

- The technical system of example is simple to know.
  - Technical system can change.
  - People knows TC well and have some experience.
  - TC is too cheap to get and easy to reach.
  - Maybe everyone feels uncomfortable.
- 
- Everybody knows what alarm clock is.
  - Alarm clock can change and evolve.
  - People knows and have a Alarm clock.
  - Alarm clock is too cheap to buy.
  - Maybe everyone could not wake up at time.

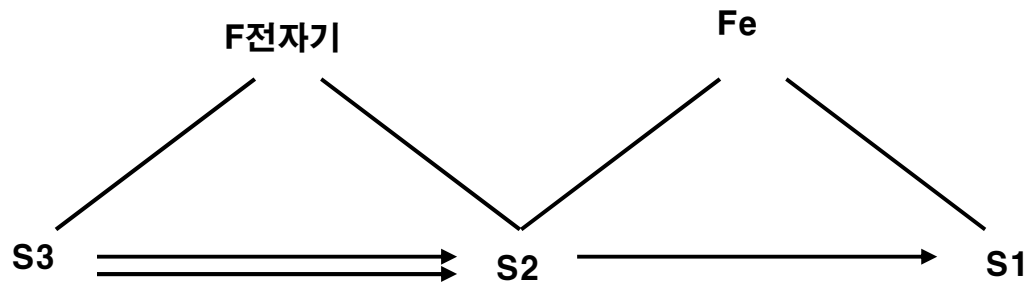
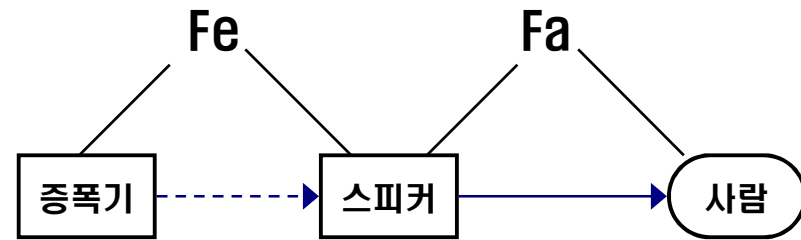
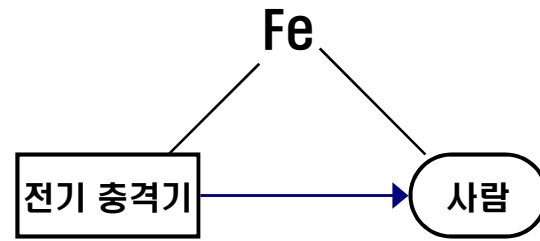
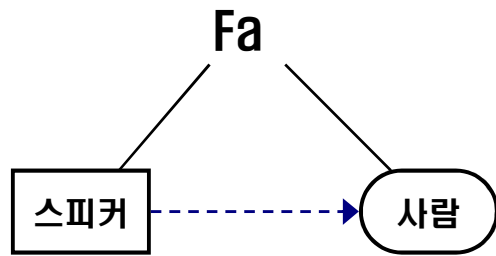
# RCA



# Function Analysis



# Su-F Model





# Result of problem analysis

## Distance

- TC 1 : The distance between people and alarm is short, alarm sound is loud but easy to turn off.
- TC 2 : The distance between people and alarm is long, alarm sound is silent but hard to turn off

## Control

- TC 1 : The control unit of alarm is simple, alarm is cheap but to easy turn off.
- TC 2 : The control unit of alarm is complex, alarm is expensive but hard to turn off.

# 40 Principle

## 15. Dynamicity

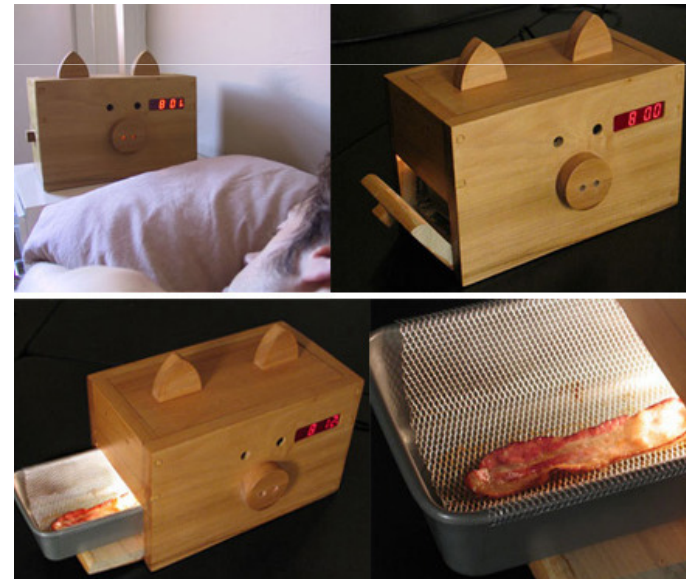
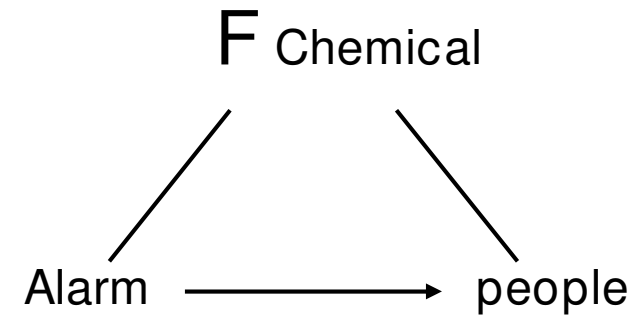
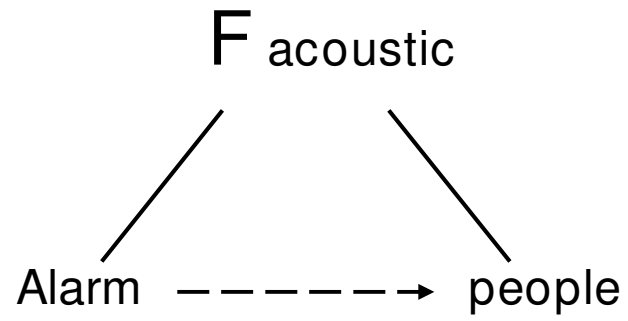


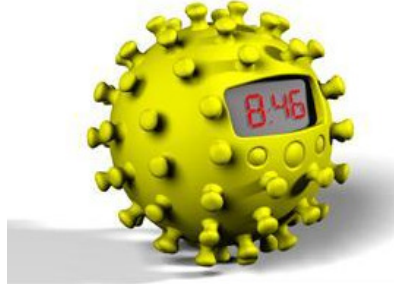
# 40 Principle

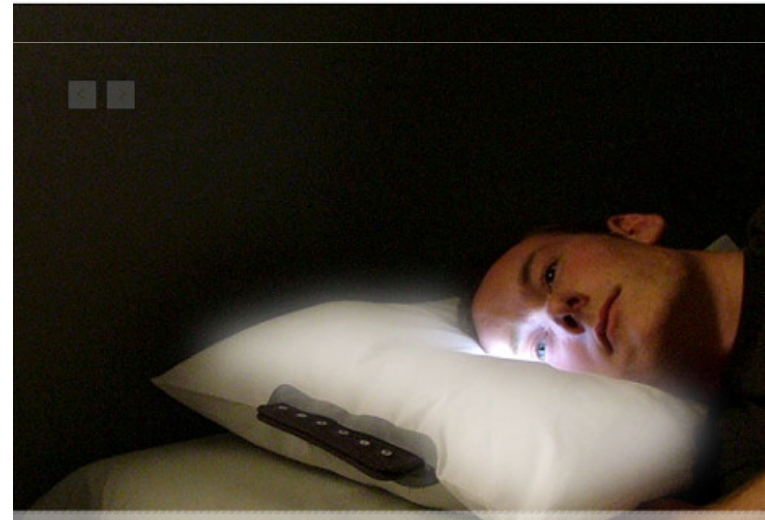
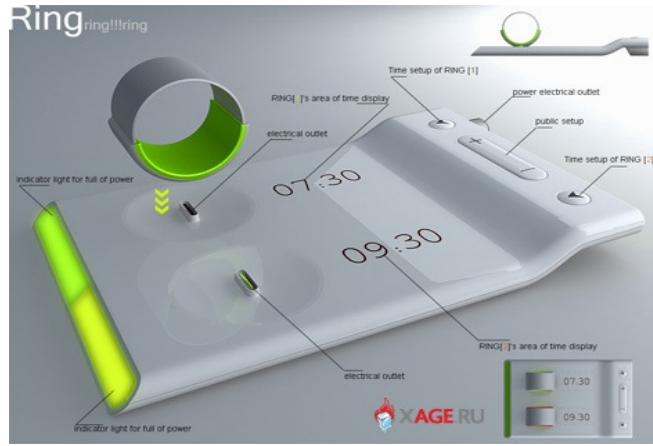
## 28. Mechanical interaction substitution



# Standard







# Conclusion

**When you choice some example for TRIZ training...**

- The technical system of example is simple to know.**
- Technical system can change.**
- People knows TC well and have some experience.**
- TC is too cheap to get and easy to reach.**
- Maybe everyone feels uncomfortable.**

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