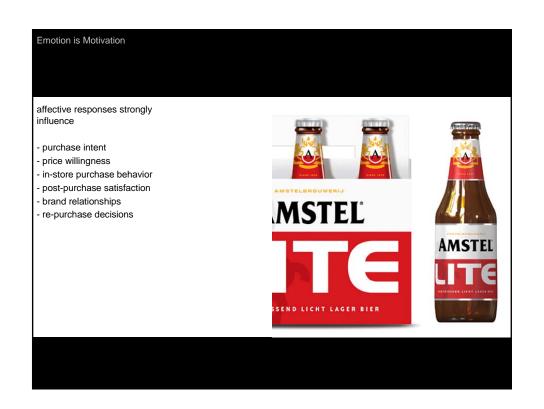


# emotions move us: they initiate behaviour and motivate decisions - also those involved in consumer behaviour.



# Emotion is Subjective

#### Emotions are subjective:

As there are no one-to-one relationships between design, the emotional impact of a product can never be predicted from the product design alone.

#### And yet,

Emotions somehow also seem lawful because we do share some emotional responses.



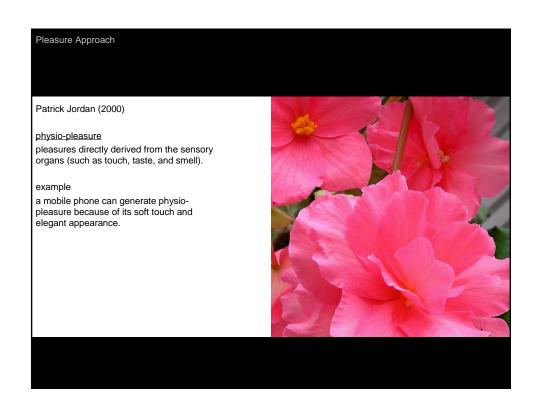
# Pleasure Approach

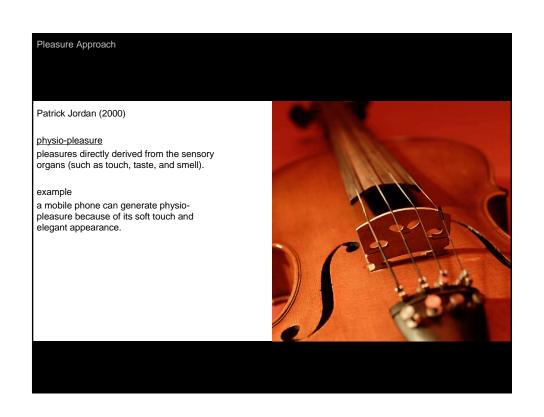
Patrick Jordan (2000)

Four sources of product pleasure:

- Physio pleasure
- Psycho pleasure
- Socio pleasure
- Ideo pleasure







# Pleasure Approach

Patrick Jordan (2000)

#### physio-pleasure

pleasures directly derived from the sensory organs (such as touch, taste, and smell).

#### example

a mobile phone can generate physiopleasure because of its soft touch and elegant appearance.



# Pleasure Approach

Patrick Jordan (2000)

#### socio-pleasure

enjoyment derived from relationships with others. This type of pleasure is relevant for those products that facilitate social interactions.

#### example

products that attract comments (like a piece of jewelry), or act as a focal point for social gatherings (like a coffee machine).



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#### psycho-pleasure

is related to people's cognitive reactions and has to do with the cognitive demands of using products.

#### example

a text processor that is easy to operate provides a higher level of psycho-pleasure than one that is cumbersome and illogical





Patrick Jordan (2000)

#### psycho-pleasure

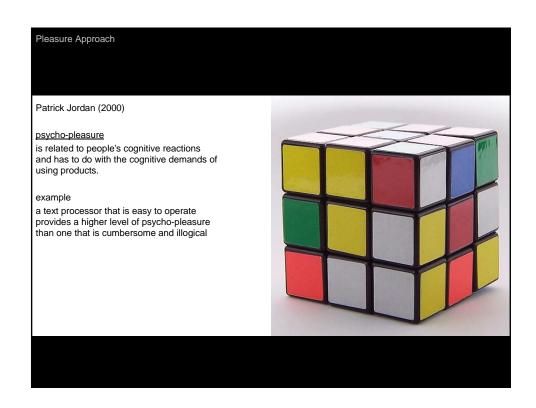
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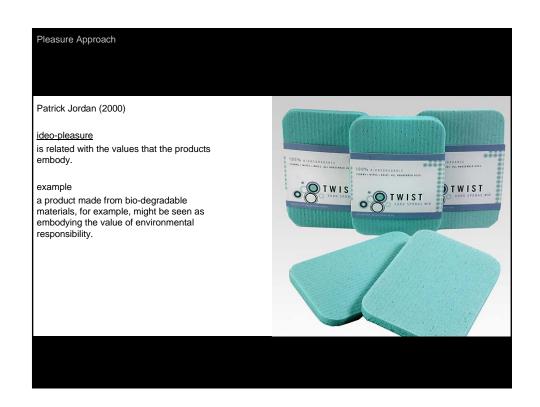
#### example

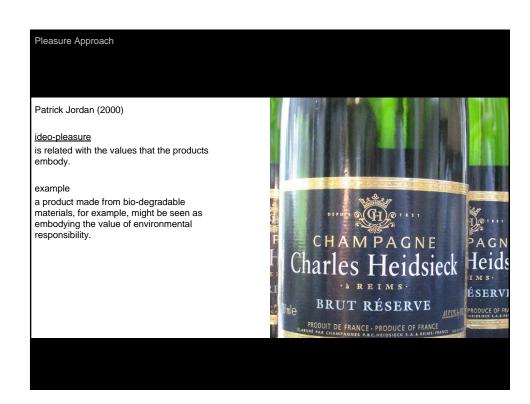
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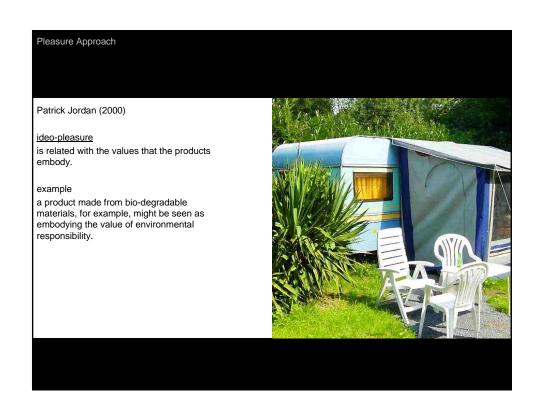


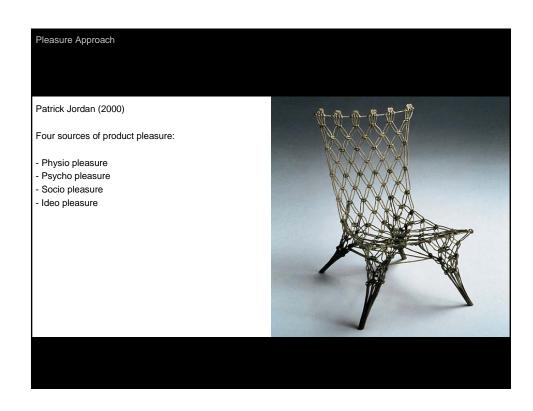


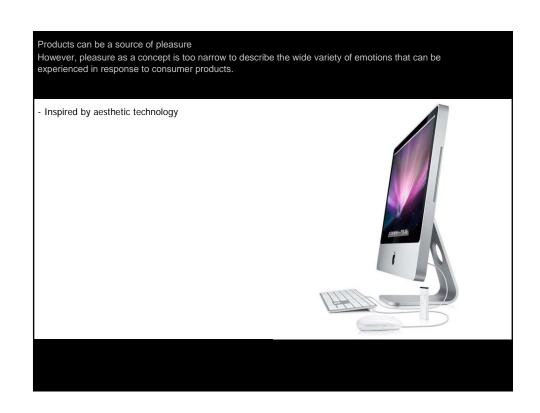












#### Products can be a source of pleasure

However, pleasure as a concept is too narrow to describe the wide variety of emotions that can be experienced in response to consumer products.

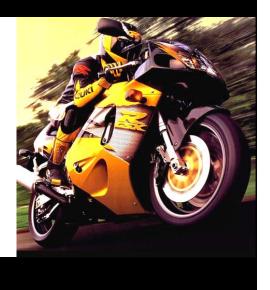
- Inspired by aesthetic technology
- Melancholy in response to childhood teddy bear



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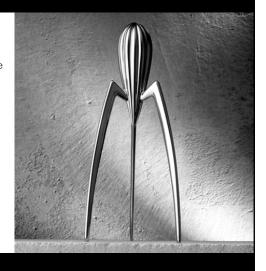
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- Inspired by aesthetic technology
- Melancholy in response to childhood teddy bear
- Thrill of riding a motorcycle
- Irritation for non-usability delight for cultural value



#### Measuring Emotions

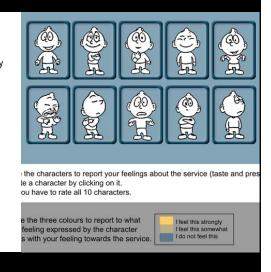
Only self report is suitable for measuring the subtle and mixed emotions elicited by product design

#### PrEmo

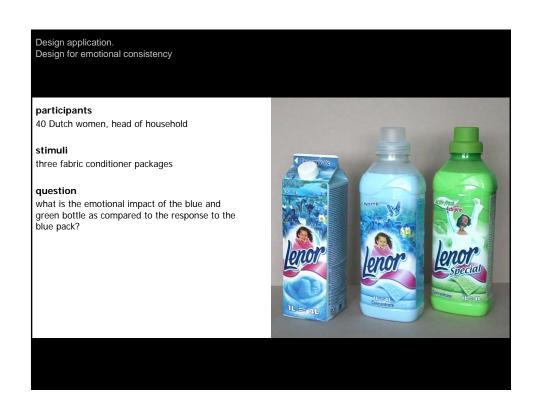
fourteen emotions are represented by animated characters.

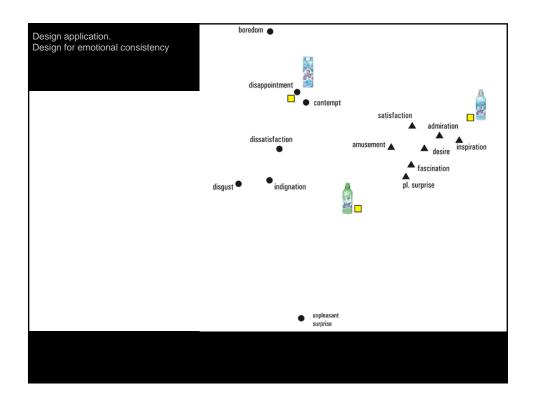
respondents use scales to report to what extent they feel each of these fourteen emotions.

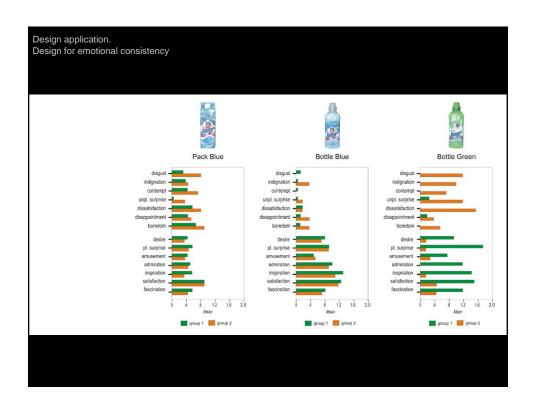
- measures product relevant emotions.
- language & culture independent.

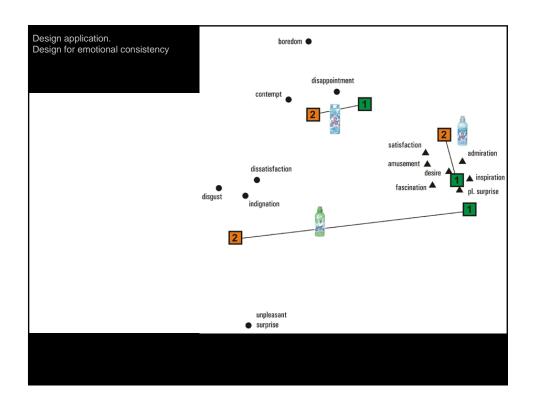


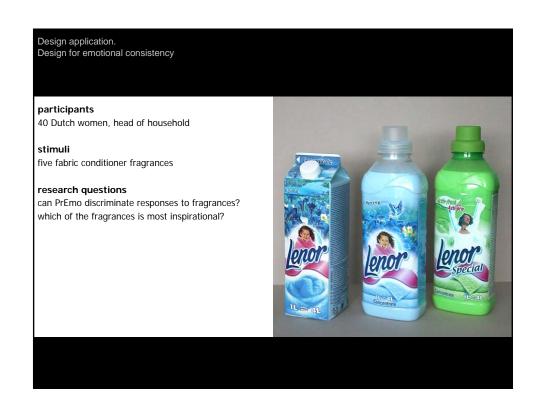
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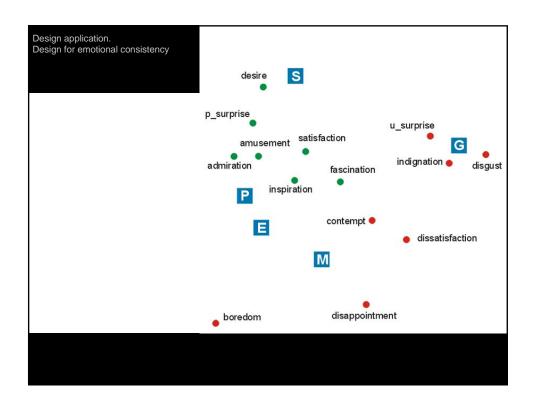






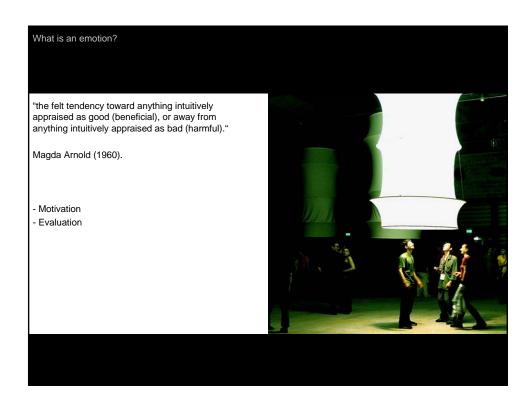


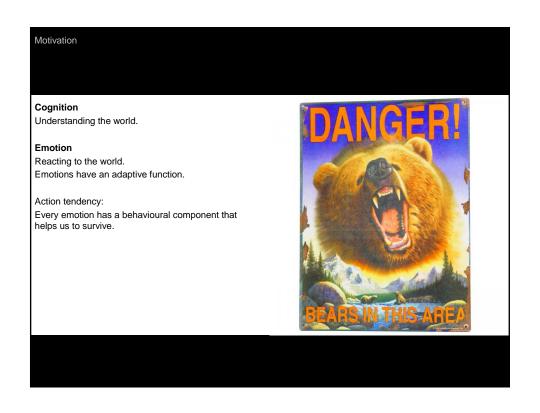












#### Motivation

#### Cognition

Understanding the world.

#### Emotion

Reacting to the world. Emotions have an adaptive function.

Action tendency:

Every emotion has a behavioural component that helps us to survive.

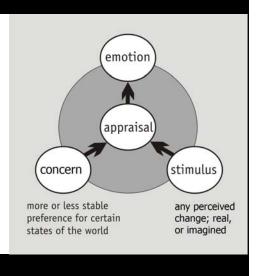
or: that helps us to guide, protect, or fulfill our concerns



Evaluation: each emotion is the outcome of an appraisal, that is, a sense evaluation of the event's significance for the person's well-being.

Emotions are not elicited by events but by the relational meaning of these events.

Appraisal connects events to concerns: events only elicit emotions if they are appraised as relevant for one's concerns.

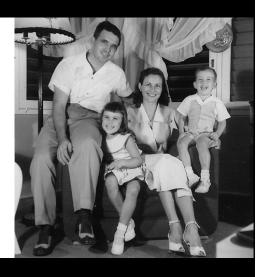


# Product appraisal

Three levels of human concerns

goals (event focus)

what we would like to achieve or see happen.



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Three levels of human concerns

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Three levels of human concerns

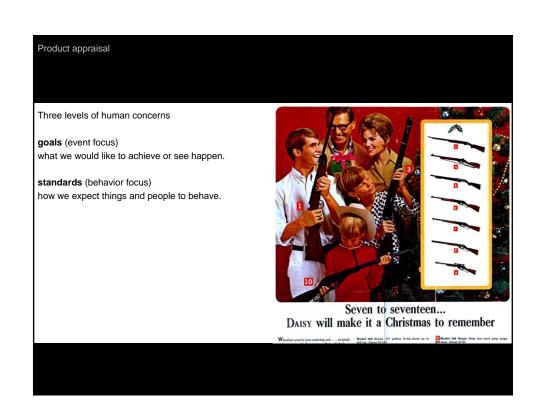
#### goals (event focus)

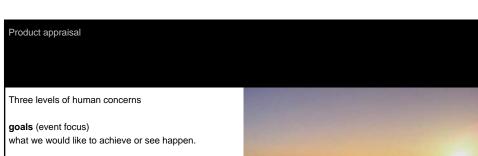
what we would like to achieve or see happen.

#### standards (behavior focus)

how we expect things and people to behave.







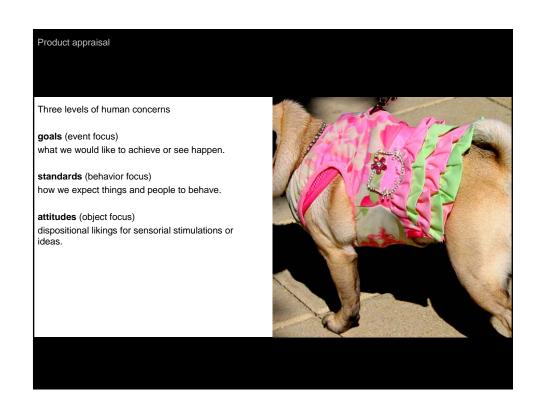
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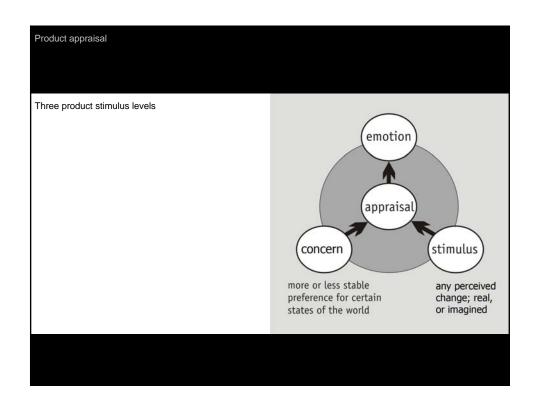
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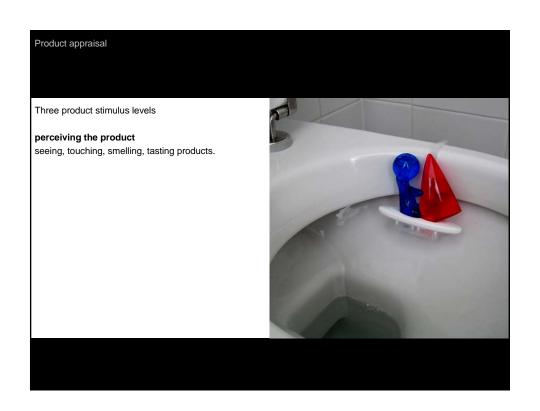
#### attitudes (object focus)

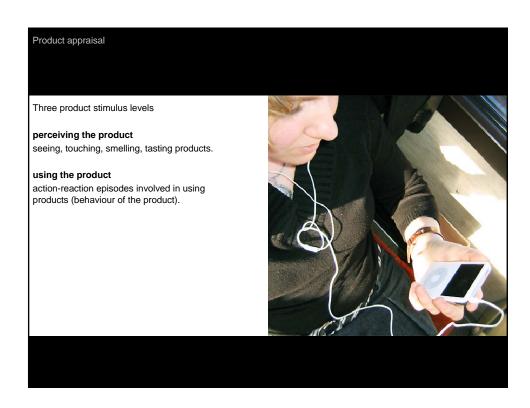
dispositional likings for sensorial stimulations or ideas.



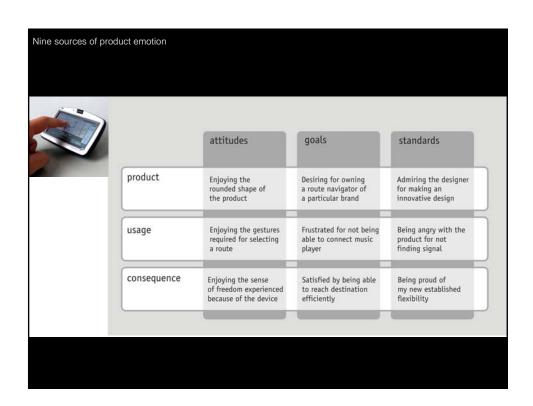


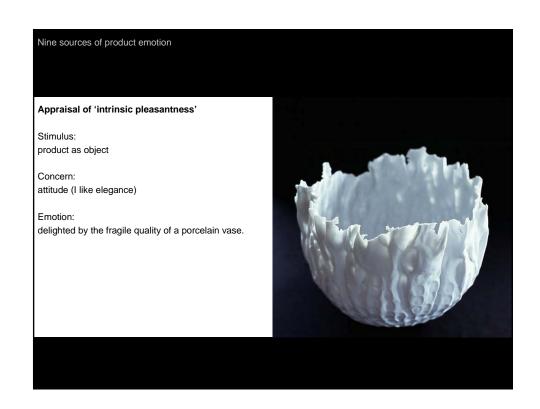


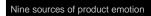












#### Appraisal of 'motive consistency'

Stimulus: product usage

Concern:

goal (I want to store a telephone number)

**Emotion** 

frustrated when getting confused by complicated interfaces



# Nine sources of product emotion

#### Appraisal of 'legitimacy'

Stimulus:

consequence of usage

Concern

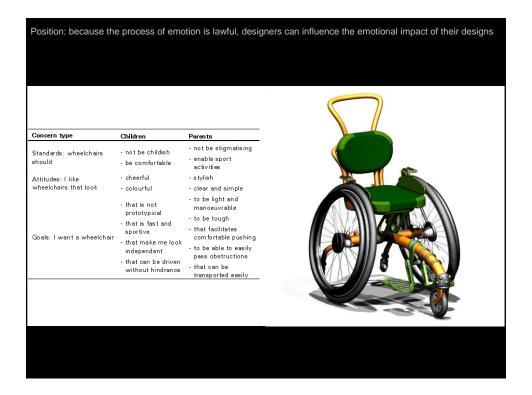
standard (camping should be a natural experience)

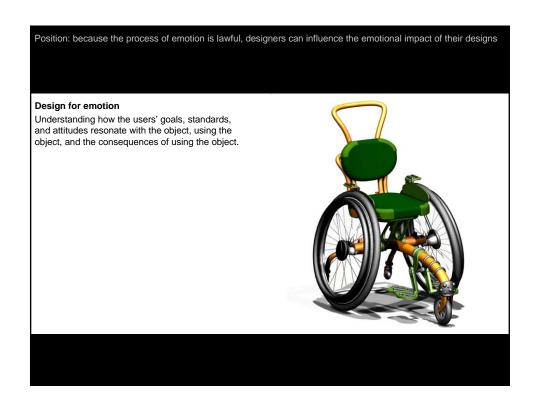
**Emotion** 

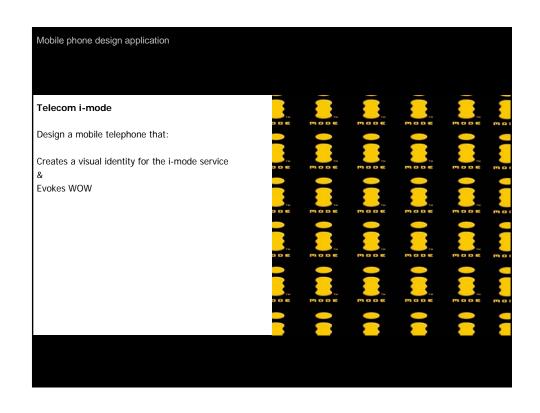
contempt for people who clutter together on the camping side.

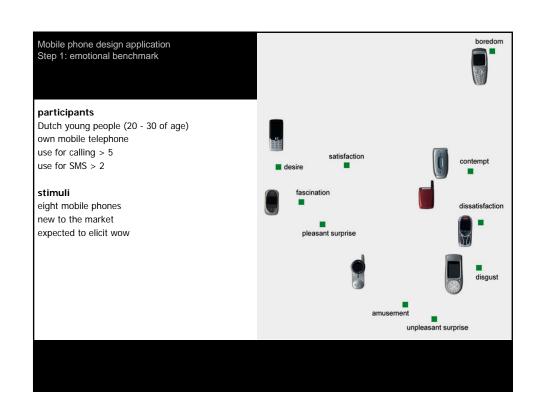


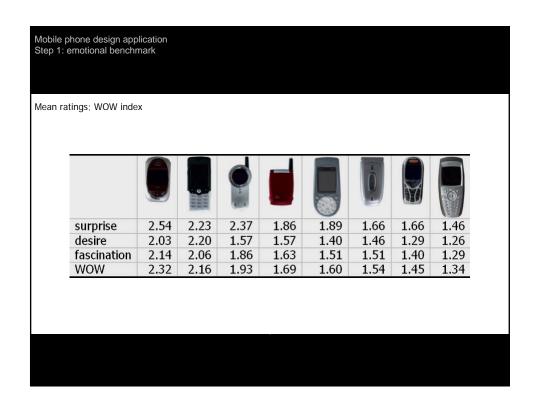
Position: because the process of emotion is lawful, designers can influence the emotional impact of their designs Concern type Parents 1 4 1 Children - not be stigmatising - not be childish Standards: wheelchairs enable sport should - be comfortable activities Attitudes: I like -stylish wheelchairs that look - colourful - clear and simple - to be light and - that is not manoeuvrable - to be tough - that is fast and that facilitates sportive Goals: I want a wheelchair comfortable pushing - that make me look to be able to easily pass obstructions independent - that can be driven without hindrance that can be transported easily

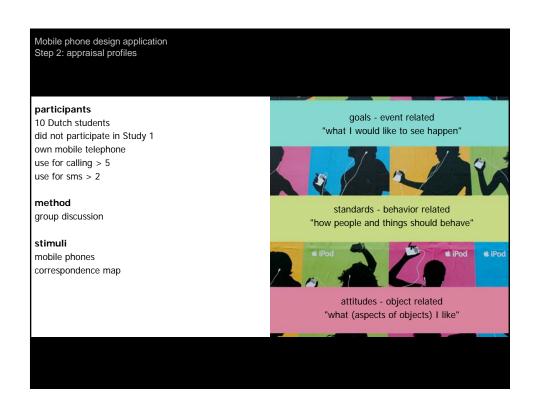


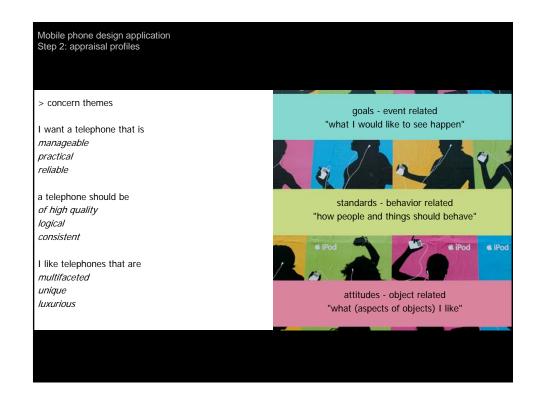












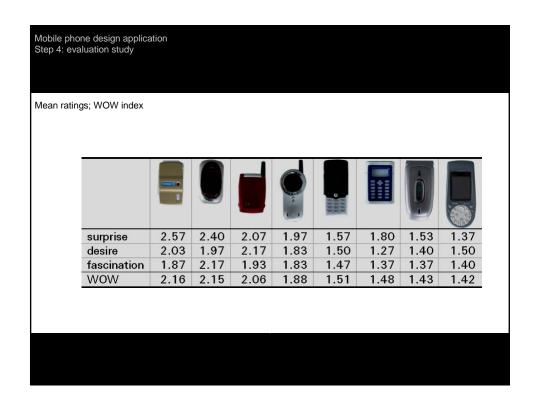




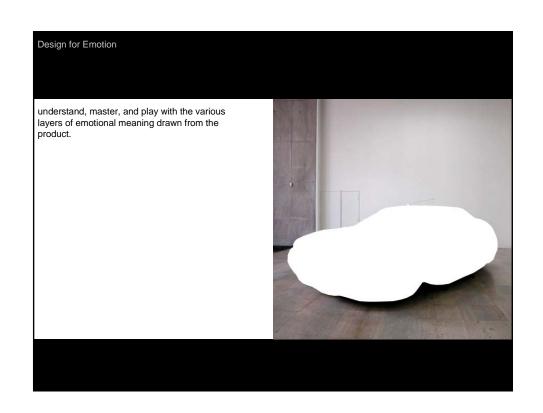












#### Design for Emotion

understand, master, and play with the various layers of emotional meaning drawn from the product.

In experiencing art, paradoxical emotions are the ones that we seek, that is positive and negative emotions simultaneously.

Note that it is not assumed that to serve humans' well-being, designers should create products that elicit *only* pleasant emotions. Instead, it can be rewarding to investigate the possibilities of designing paradoxical emotions because this may result in products that are unique, innovative, rich, challenging – and, therefore, desirable.

