

Iconic days

PIPES Participatory Investigation of Public Engaging Spaces

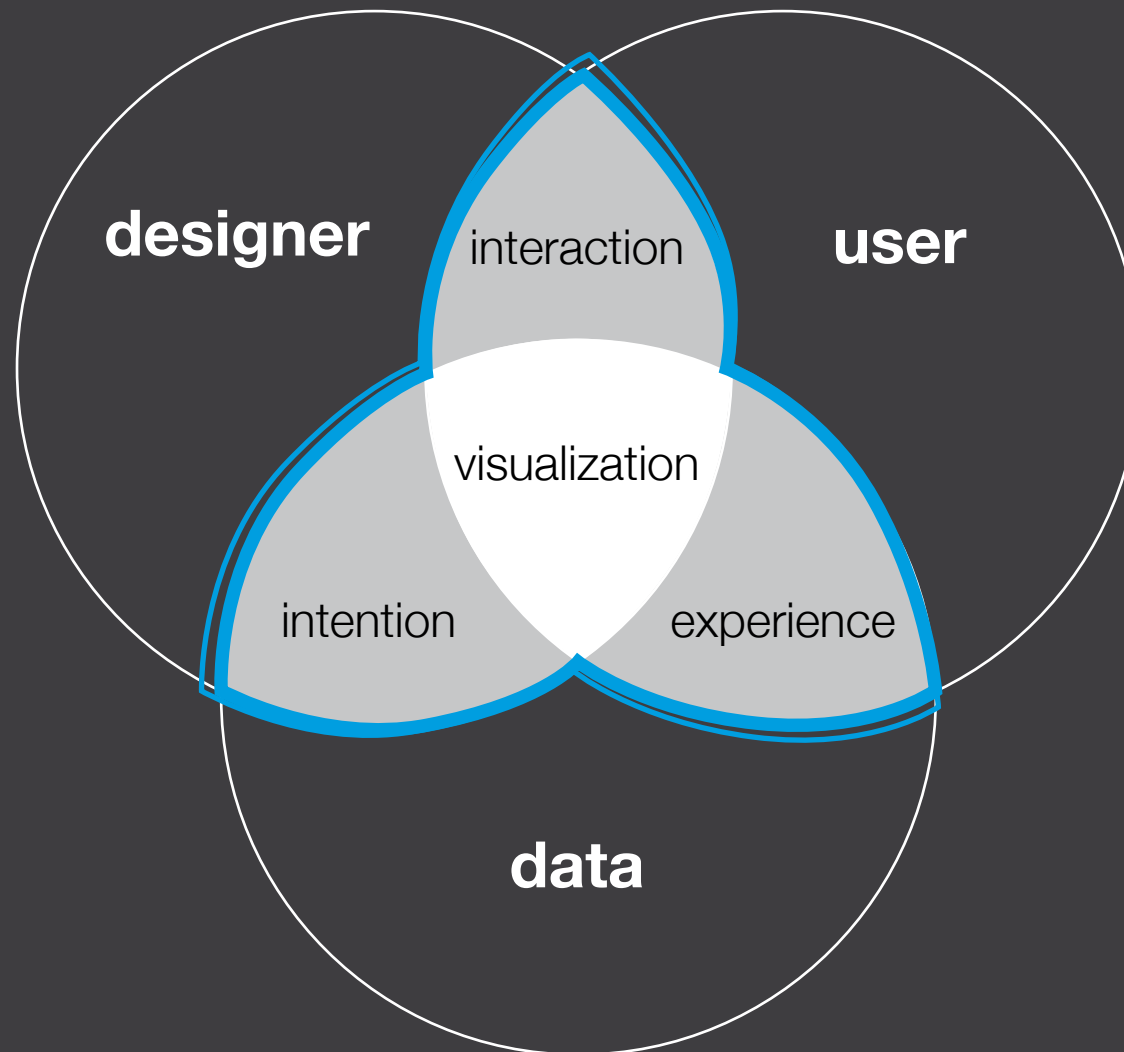
Clara Piazuelo & Laia Blasco

HANGAR.
ORG



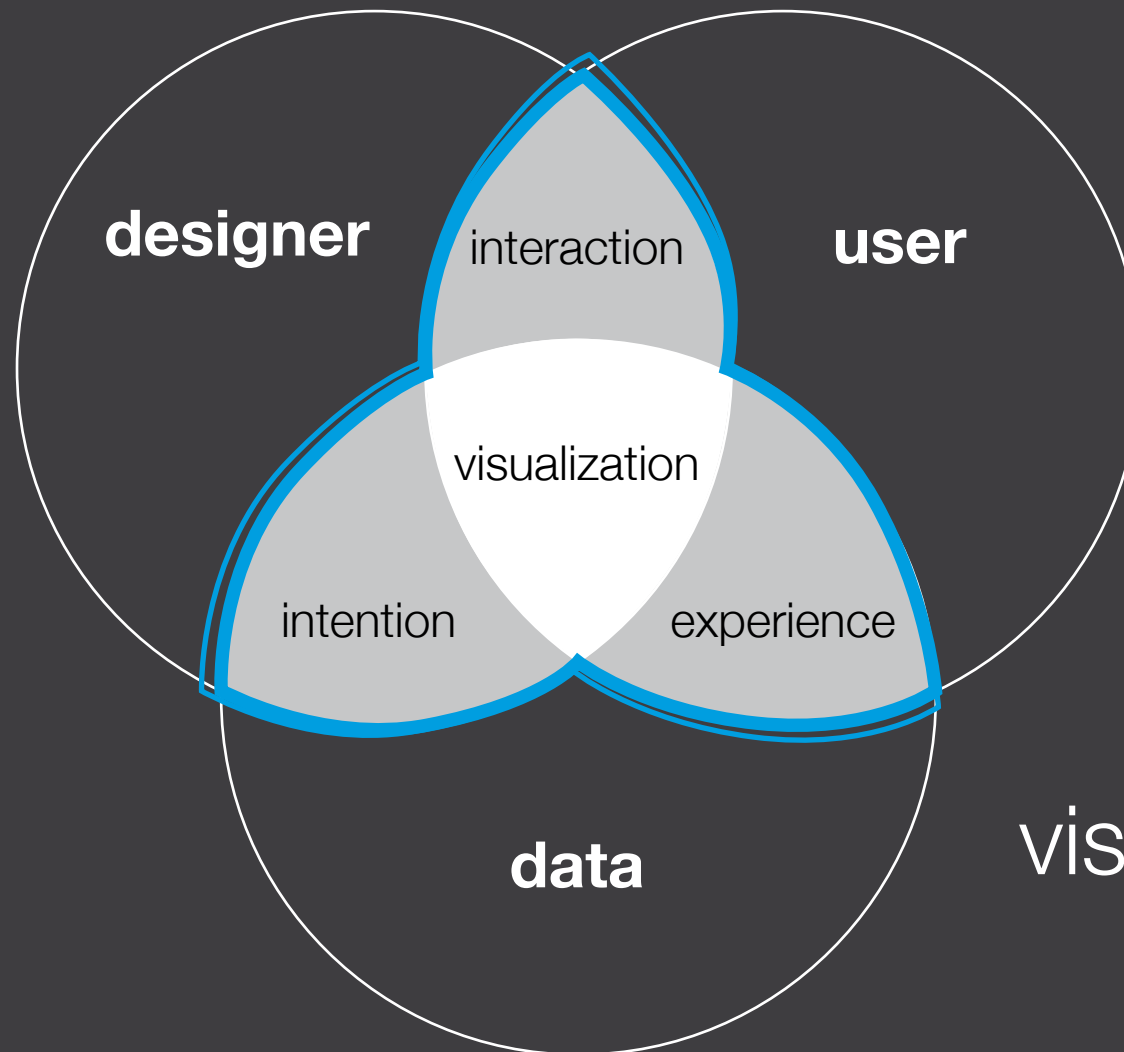
Universitat Oberta
de Catalunya

Interface diagram



INTERFACE
contact surface
languages-codes

Interface diagram



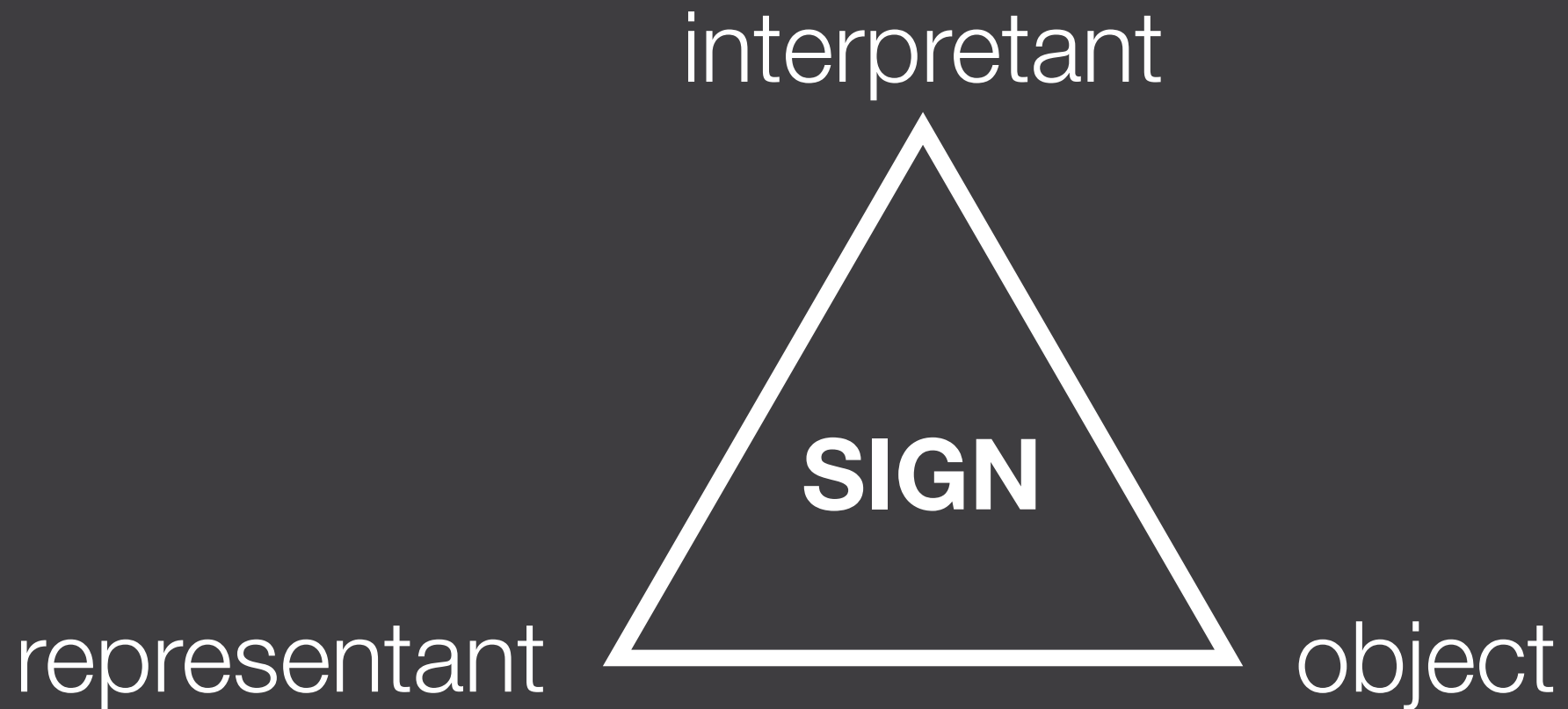
INTERFACE
contact surface
languages-codes



example
visual language

Semiotics: Pierce

Sign: object, interpretant and representant



Semiotics: Peirce

Sign: icon, index & symbol

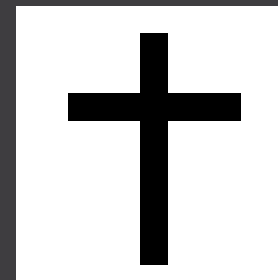
ICON



INDEX



SYMBOL



Sign > symbol

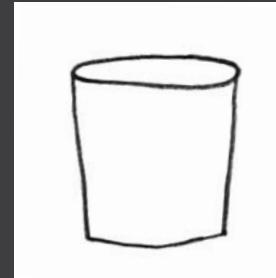
A GLASS

CAR

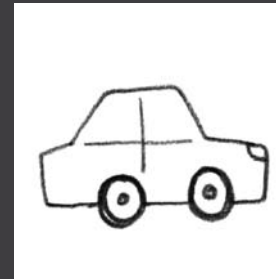
MAN

Sign > symbol

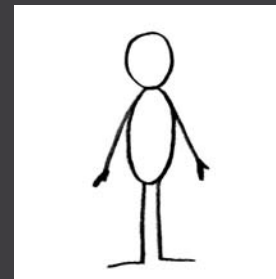
A GLASS



CAR

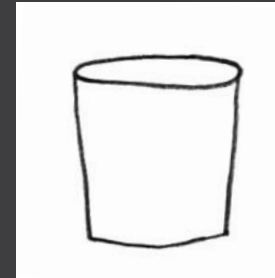


MAN



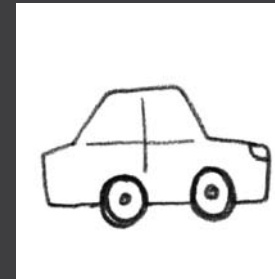
Sign > symbol

A GLASS

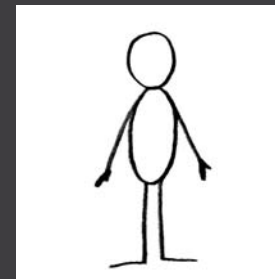


figurative

CAR



MAN



synthesis

abstract

Sign > icon, index & symbol

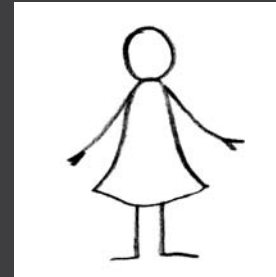
WOMAN

INDUSTRY

MESSAGE

Sign > icon, index & symbol

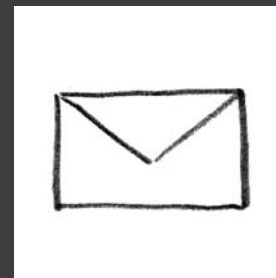
WOMAN



INDUSTRY



MESSAGE



Sign > icon, index & symbol



Sign > icon, index & symbol

HAPPYNESS

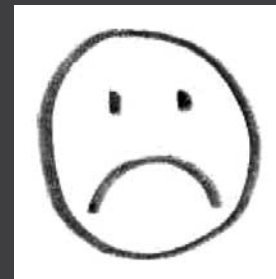
SADNESS

Sign > icon, index & symbol

HAPPYNESS



SADNESS



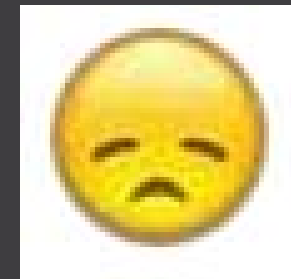
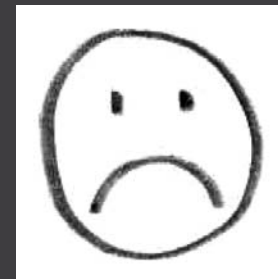
Sign > icon, index & symbol

figurative

HAPPYNESS



SADNESS



synthesis

standard

abstract

Sign > symbol

OLYMPIC GAMES

PEACE

LOVE

Sign > symbol

OLYMPIC GAMES



PEACE

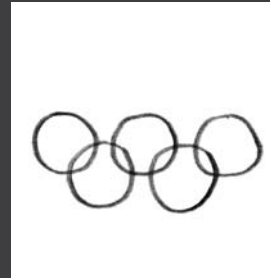


LOVE



Sign > symbol

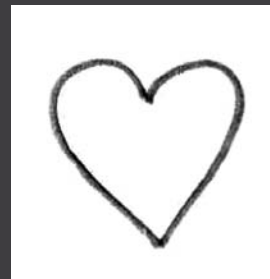
OLYMPIC GAMES



PEACE



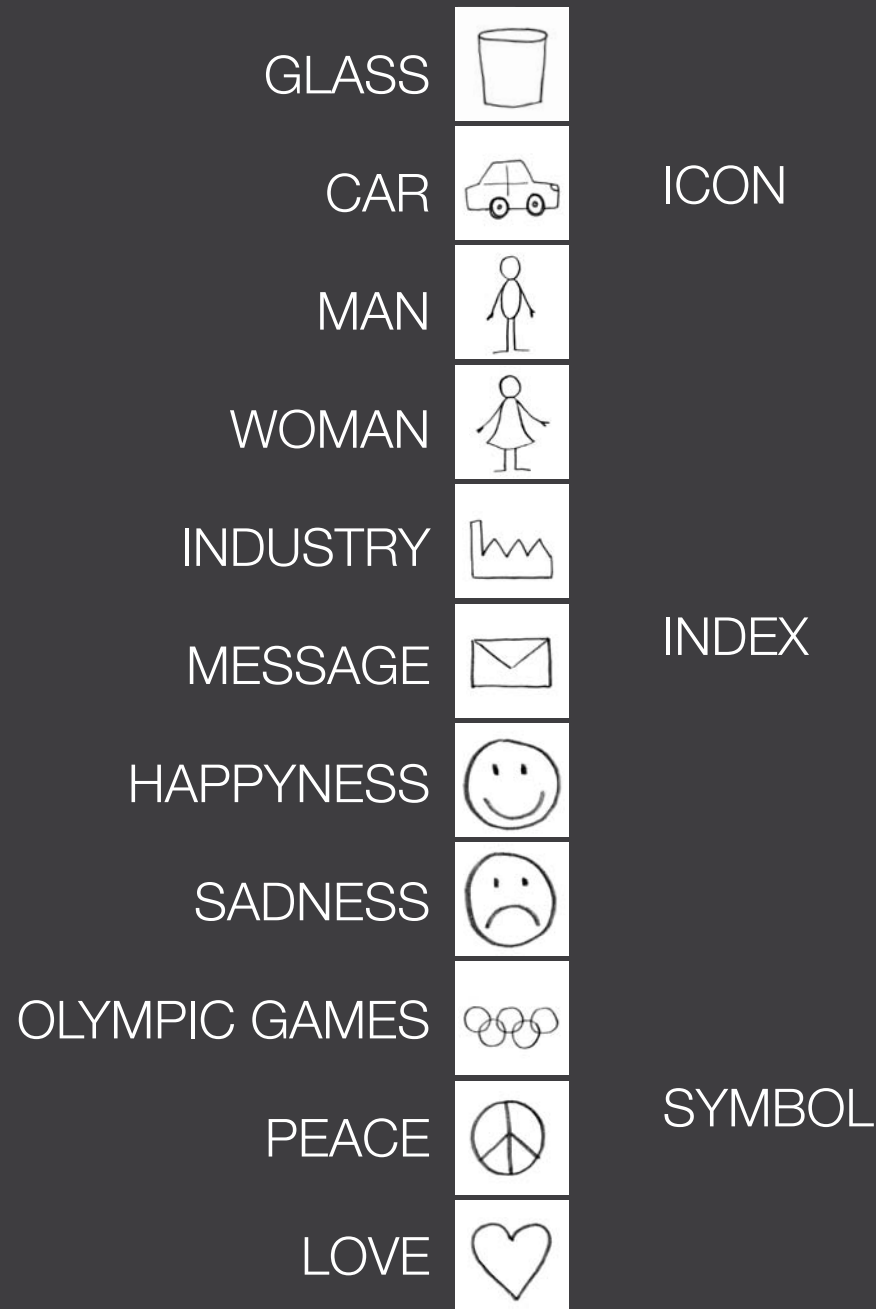
LOVE



abstract



Sign



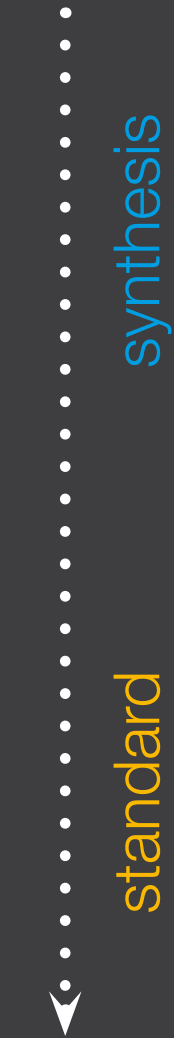
figurative

synthesis

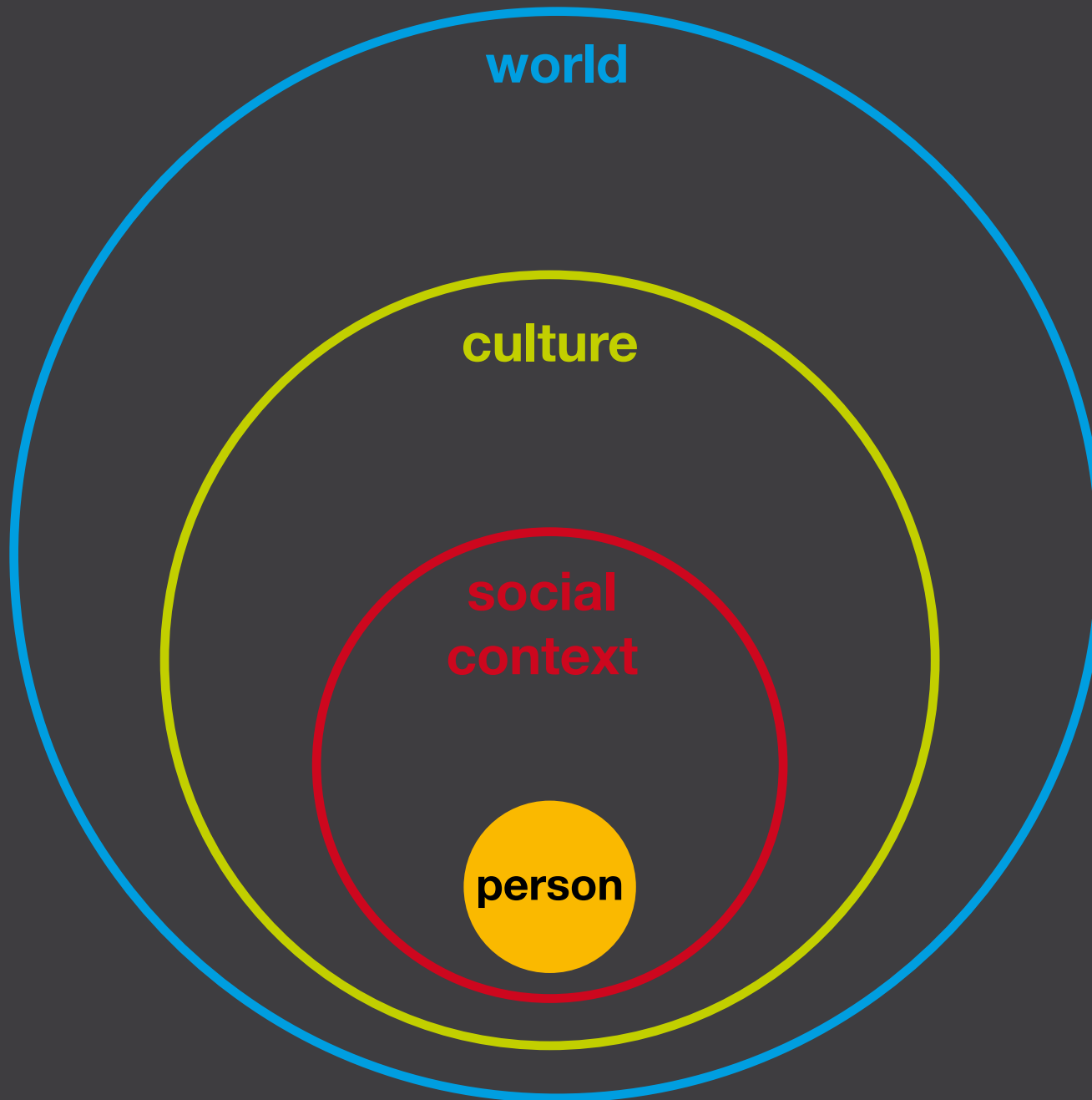
standard

abstract

figurative



abstract



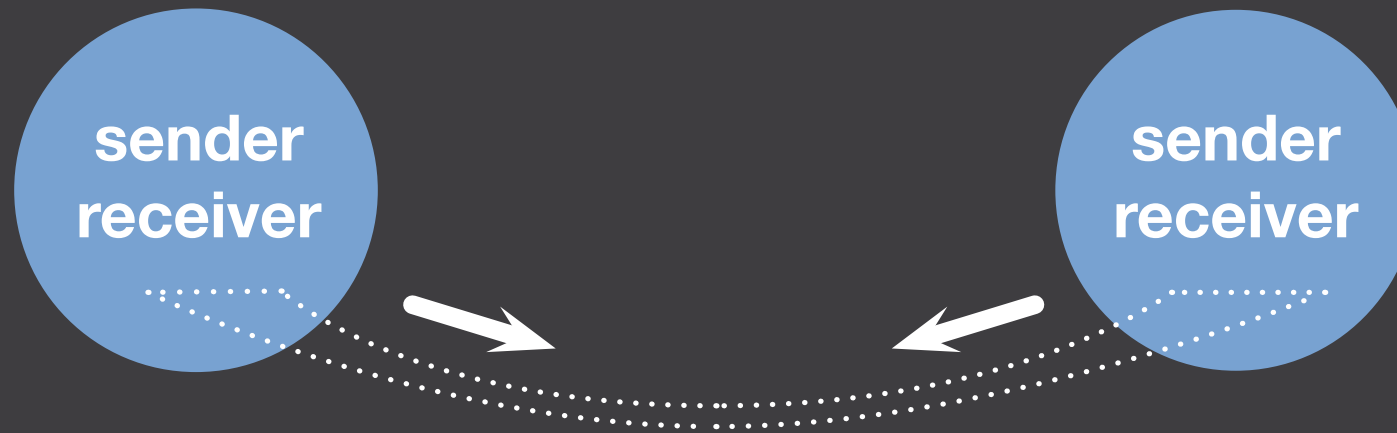
Draw

IRONY

SEDUCTION

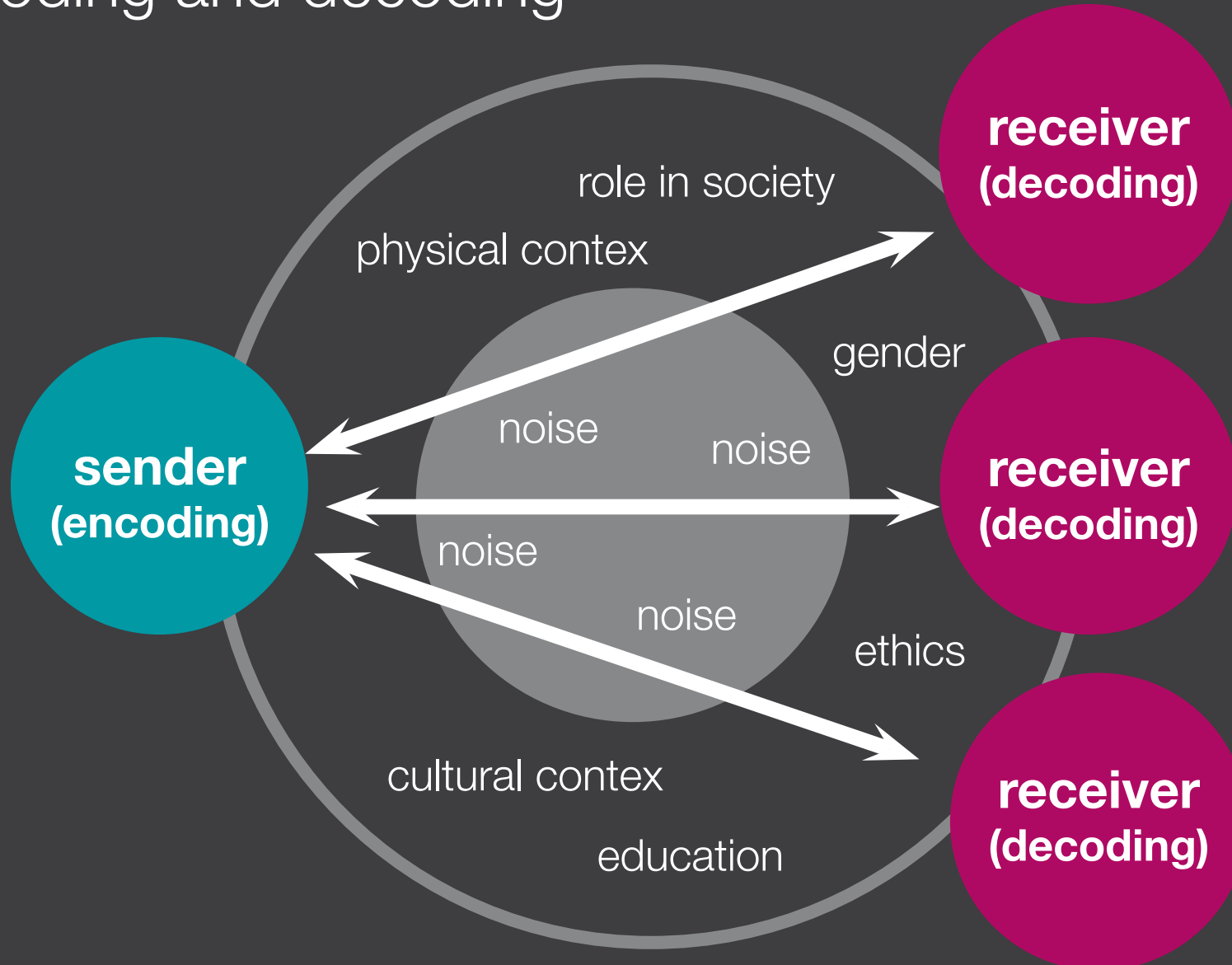
VULNERABLE

Semiotics: Saussure



Semiotics: Stuart Hall

Encoding and decoding



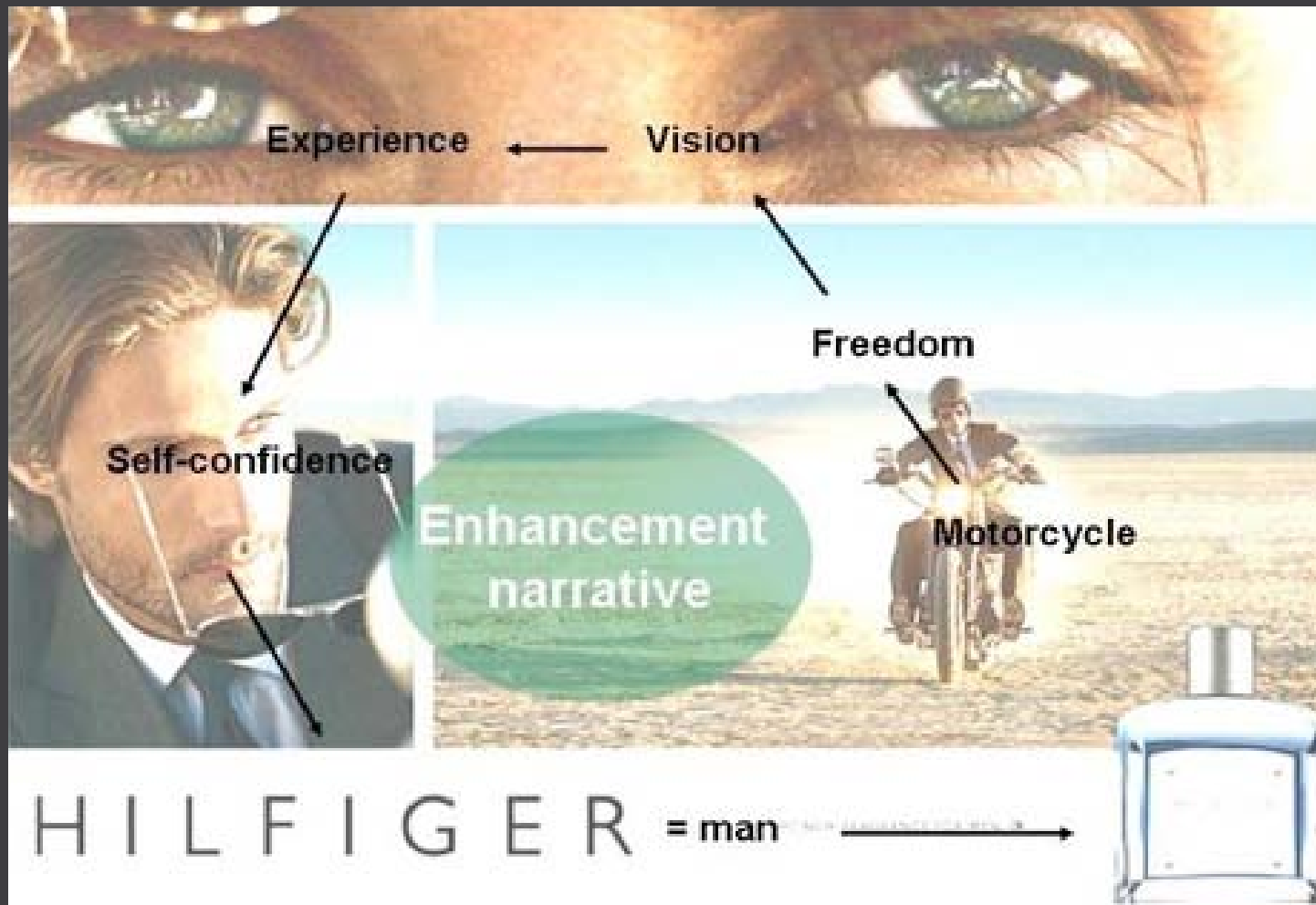
Semiotics: Stuart Hall

Encoding and decoding



Semiotics: Stuart Hall

Encoding and decoding



Semiotics: Stuart Hall

Encoding and decoding

Motorcycle

Whereas in a **Western** context a motorcycle represents freedom, adventure, and speed.

In a **Chinese** context it is considered dangerous, noisy, and low status.

Open Landscape

For **Westerners**, the open landscape portrays independence and lifestyle enhancement.

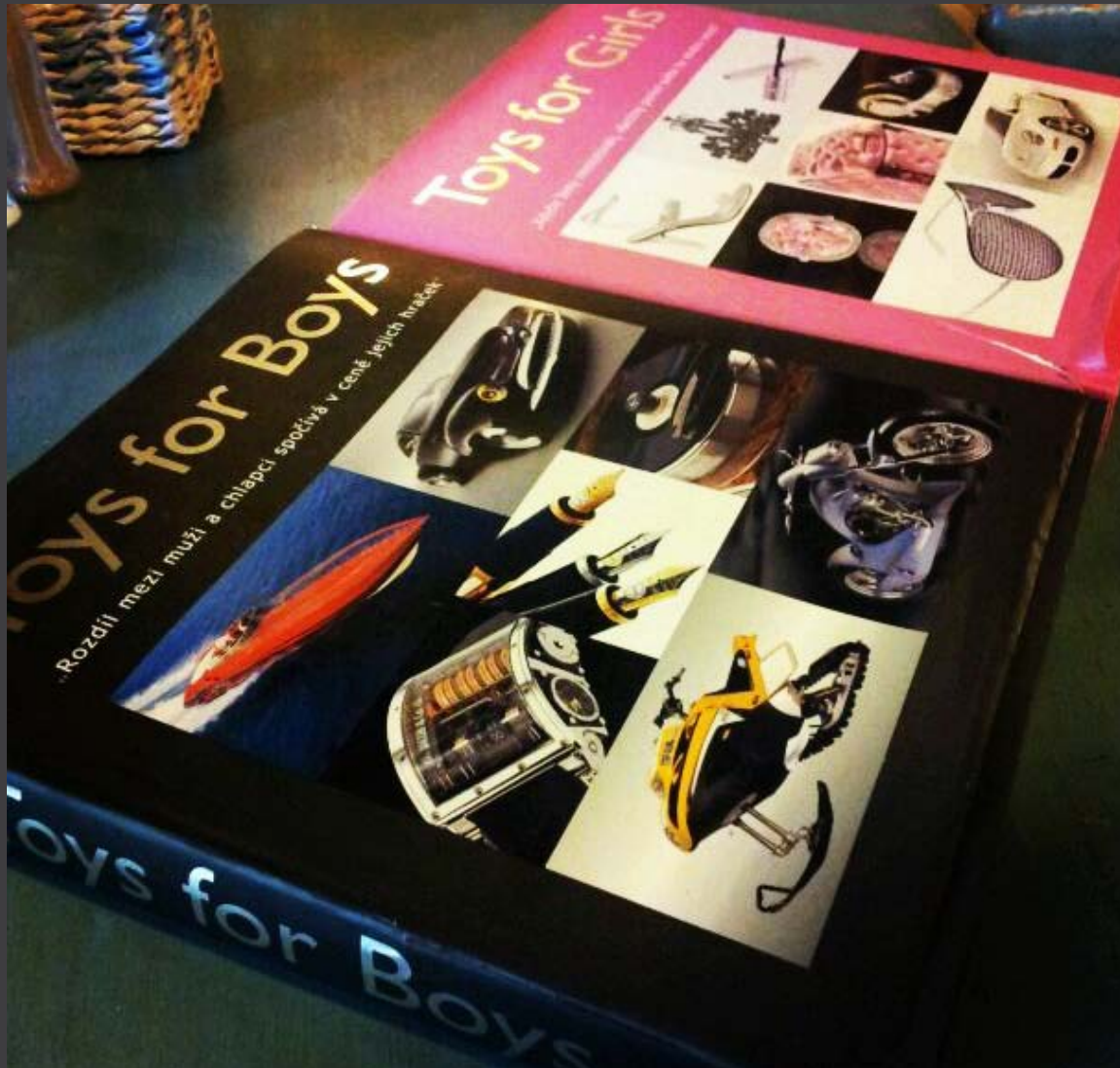
From the **Chinese** view, the countryside may be perceived as dirty and dusty.

Semiotics: Stuart Hall

Encoding and decoding



Think about...




¿What is the senders message?

¿How do you decode the message?

Wikipedia

[Create account](#) [Log in](#)



WIKIPEDIA
The Free Encyclopedia


Article Talk

Read Edit View history

Interface (computing)

From Wikipedia, the free encyclopedia

For other uses, see [Interface](#).



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In computer science, an **interface** is the point of interaction^[*vague*] with [software](#), or [computer hardware](#), or with [peripheral](#) devices such as a [computer monitor](#) or a [keyboard](#). Some computer interfaces such as a [touchscreen](#) can send and receive data, while others such as a [mouse](#), [microphone](#) or [joystick](#) can only send data.

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- 1 [Hardware interfaces](#)
- 2 [Software interfaces](#)
 - 2.1 [Software interfaces in practice](#)
 - 2.2 [Software interfaces in object-oriented languages](#)
 - 2.3 [Programming to the interface](#)
- 3 [See also](#)
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Hardware interfaces [edit]

Main article: [Hardware interface](#)

Hardware interfaces exist in computing systems between many of the components such as the various [buses](#), [storage devices](#), other [I/O](#) devices, etc. A hardware interface is described by the mechanical, electrical and logical signals at the interface and the protocol for sequencing them (sometimes called [signaling](#)).^[1] A standard interface, such as [SCSI](#), decouples the design and introduction of computing hardware, such as [I/O](#) devices, from the design and introduction of other components of a computing system, thereby allowing users and manufacturers great flexibility in the implementation of computing systems.^[1] Hardware interfaces can be [parallel](#) where performance is important or [serial](#) where distance is important.

Software interfaces [edit]

A [software interface](#) may refer to a wide range of different types of interface at different "levels": an operating system may interface with pieces of hardware. [Applications](#) or [programs](#) running on the operating system may need to interact via [streams](#), and in [object oriented programs](#), objects within an application may need to interact via [methods](#).

Software interfaces in practice [edit]

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Asturianu

Български

Català

Čeština

Dansk

Deutsch

Eesti

Ελληνικά

Español

Esperanto

Wikipedia

The sender's concept

- We want you to edit content only if you can really make a constructive contribution to better the quality of the article.
- Wikipedia is interested in wide-consensus, not in individual expression or discussion.
- Wikipedia is a common effort and a valuable resource to all its users.
- We invite you to be a constructive part of this group.
- Should you decide that your input can benefit this work, then and only then should you click the edit button, learn the specific WikiMedia syntax and make the edit.
- Remember your edit is always temporary and can be changed or reverted immediately by any of the other user or moderator.

Wikipedia

The discourse sender's encoding, embedded in the interface

- Minimal interface, very rational and utilitarian.
- The article page is not editable in itself.
- The edit button is available for different parts of the page.
- The page leading to a discussion page appears at the top and is given very low attention (and its existence is unknown to most of Wikipedia's users).
- The WikiMedia interface is unique, it is not hard to understand but it requires learning, adjusting and a bit of trial and error.
- The interface allows you to preview your edit prior to submitting it.

Her



<https://www.youtube.com/watch?v=WzV6mXIOVI4>

And we ask **you**

¿Can you define the interface in a textual way?

¿Can you represent the interface concept in a visual way?

Interface definitions



A point of interconnection between two independent systems.

Interface definitions



An interface is a contact surface.

It reflects the physical properties of the interactors, the functions to be performed, and the balance of power and control.

Laurel and Mountford

Interface definitions

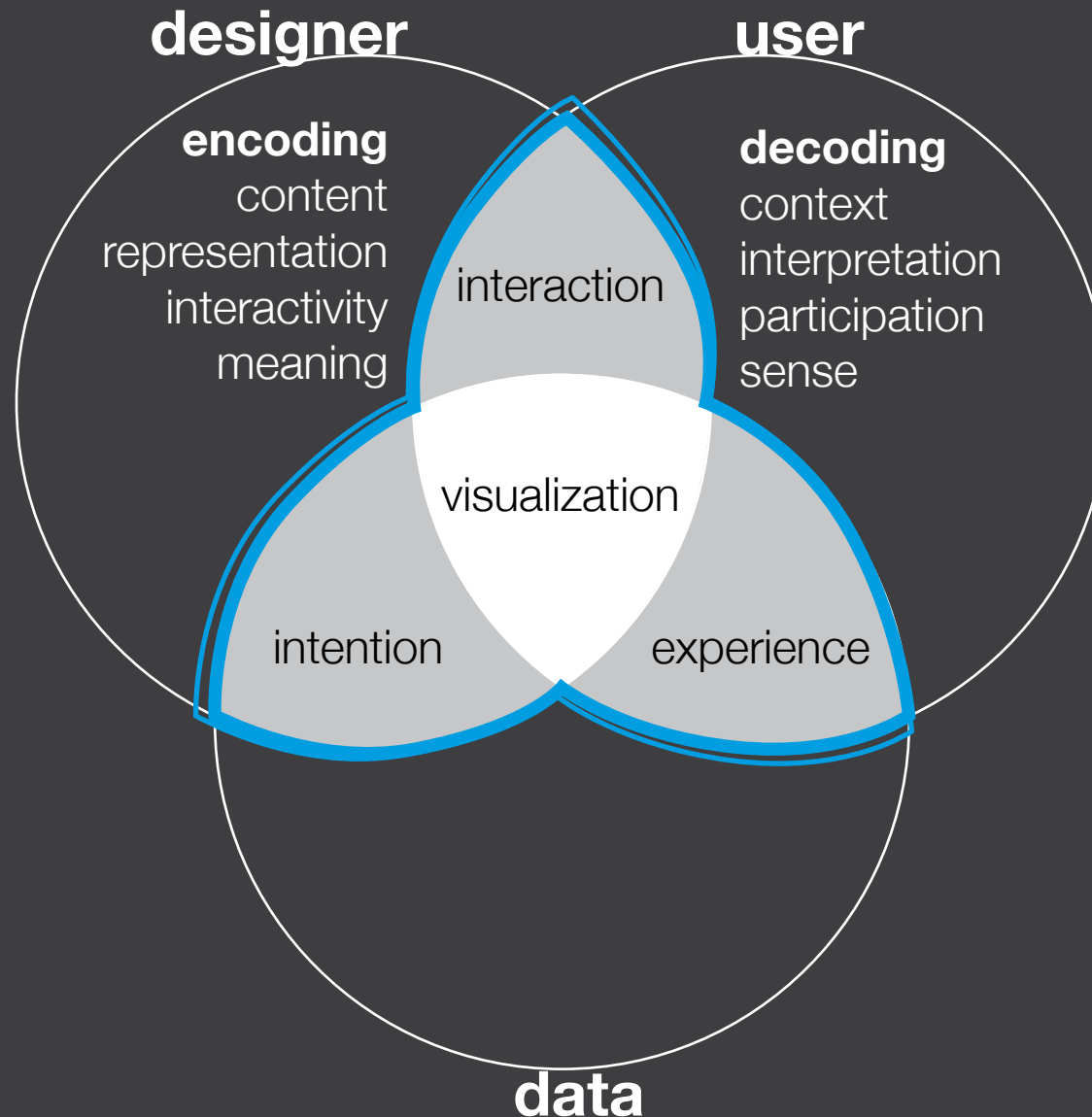


in the case of computers, interfaces mediate between humans and machines, between machines and between humans. Interfaces thus involve an exchange between data and culture. In this sense, the computer interface can be described as a cultural interface combining cultural content (images, text, movies, sound) with machine/media control (buttons, menus, filters, etc.) and networks (World Wide Web). As such, the interface can be seen as a cultural paradigm affecting not only our creative production and presentation of the world but also our perception of the world.

Andersen, Christian Ulrik and S.Pold.

Interface Criticism: Aesthetics Beyond the Buttons

Interface diagram



INTERFACE

contact surface
languages-codes

no universal

cultural references
human model
aesthetic position

no neutral

embedded ideology

And we ask ourselves

- ¿Is the language **universality** an aim that we should pursue?
- ¿Is the interface **neutrality** an aim that we should pursue?
- ¿How can we analyze the ideology embedded in the interface?
- ¿What are the strategies to design an honest interface that visualize its embedded ideology?

Thank you!

clara@hangar.org
lblascos@uoc.edu

HANGAR.
ORG



Universitat Oberta
de Catalunya