



Materials from Recognise Video-Lectures

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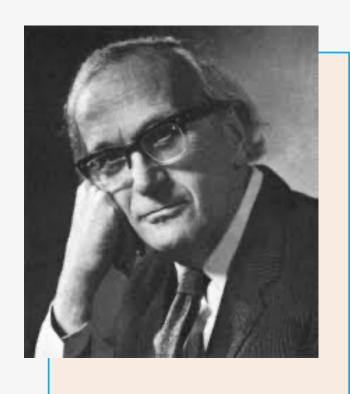
Legal Concepts and Embodied Cognition

An Embodied Approach to the Internal Point of View

Part I. Being Internal to the Law

Hart's Notion of the Internal Point of View and Its Relation to Concepts

H.L.A. Hart (1907-1992)



THE CONCEPT OF LAW

SECOND EDITION

H. L. A. HART

With a Postscript edited by Penelope A. Bulloch and Joseph Raz The Concept of Law

1st ed. 1961, 2nd ed. 1994

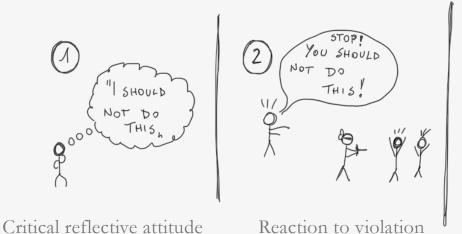
CLARENDON PRESS · OXFORD

Internal Point of View (Primary Rules)

Use of normative language

Rules ≠ habits

Social practice theory of rules



Justification of reaction

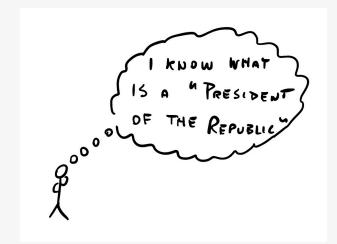
RIGHT



Internal Point of View (Secondary Rules)

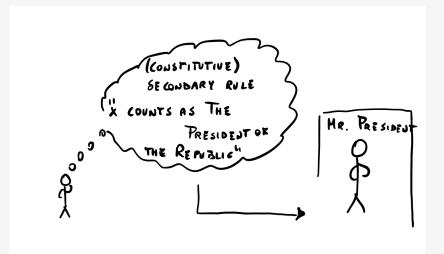
With the addition to the system of secondary rules, the range of what is said and done from the internal point of view is much extended and diversified. With this extension comes a whole set of new concepts and they demand a reference to the internal point of view for their analysis. These include the notions of legislation, jurisdiction, validity, and, generally, of legal powers, private and public. There is a constant pull towards an analysis of these in the terms of ordinary or 'scientific', fact-stating or predictive discourse. But this can only reproduce their external aspect: to do justice to their distinctive, internal aspect we need to see the different ways in which the law-making operations of the legislator, the adjudication of a court, the exercise of private or official powers, and other 'acts-in-the-law' are related to secondary rules.

(Hart 2012, 98-99)





Constitutive Rules Secondary Rules



Some rules regulate antecedently existing activities. For example, the rule "drive on the right side of the road" regulates driving; but driving can exist prior to the existence of that rule. However, some rules do not merely regulate, they also create the very possibility of certain activities.

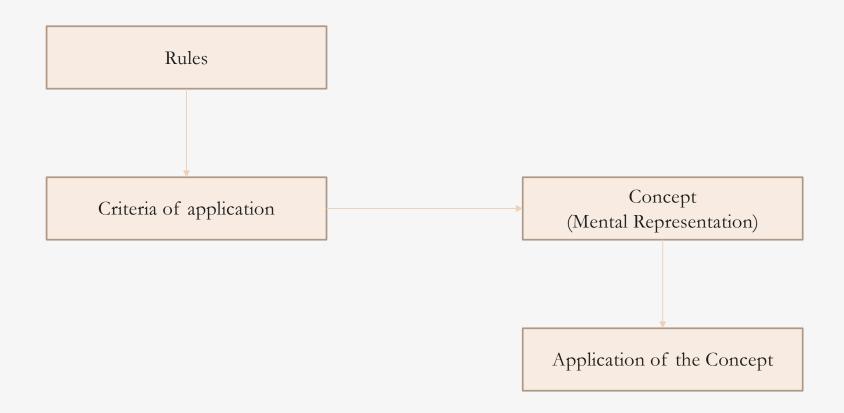
(Searle 1995, 27-8)



Rule-defined Concepts?

Are Concepts Constituted by Rules in such a Straightforward Manner?

A Traditional View About Concepts



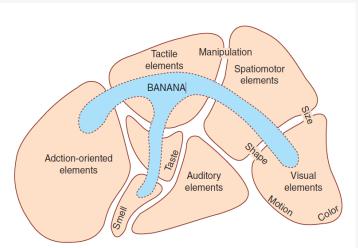
Embodied Concepts

Concepts as Dynamic and Grounded Entities

Embodied Cognition on Concepts

Conceptual knowledge is grounded on sensory and motor systems

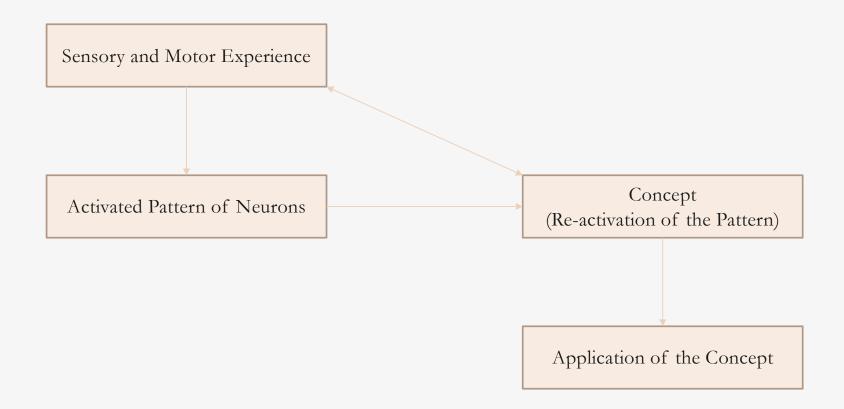
Concepts: re-activation of the distributed activation pattern of neurons across multimodal brain areas that is activated when perceiving and interacting with the referent.



"flexible entities, re-enacting and integrating relevant information of a given category in a situated context to support goal-oriented actions"

(Barsalou 1999; Barsalou 2008).

An Embodied View About Concepts



Some References

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Part II. Grounding the Internal Point of View

Analyzing the Internal Point of View from an Embodied Perspective

Concrete Concepts		Abstrac	Abstract Concepts	
Food	Artefacts	Theoretical	Institutional	
Apple	Bed	Acceleration	Contract	
Banana	Book	Calculation	Marriage	
Basil	Chair	Electron	Parliament	
Carrot	Computer	Energy	President	
Chestnut	Hammer	Equation	Property	
Eggplant	Knife	Gravitation	State	
Grape	Painting	Liter	Trial	
Mushroom	Pot	Mass	Duty -	
Orange	Screwdriver	Meter	Justice	
Pepper	Sculpture	Molecule	Norm	
Potato	Spoon	Multiplication	Responsibility	
Pumpkin	Tower	Subtraction	Rights	
Strawberry	Umbrella	Sum	Sanction	
Tomato	Wheel	Temperature	Validity	

Pure-Institutional

Meta-Institutional

Law group: (N = 274) students and professionals in the law field Control group: (N = 263) students and professionals in other fields than law

Task: evaluate concepts using a 7-point scale on one of the 16 dimensions

VALIDITY

1 2 3 4 5 6 7

negative emotions

O O O O positive emotions

classic

language

sensory modalities

inner emotions states

social

Imageability (IMG); Abstractness (ABS)

Concreteness (CNR)

Context availability (CAT)

Familiarity (FAM)

Age of acquisition (AoA)

Modality of acquisition (MoA)

Body-Object-Interaction (BoI)

5 senses (VIS,TAU,HEA,TAS,SME)

Hand involvement (HAN)

Mouth involvement (MOUTH)

Interoception (INT)

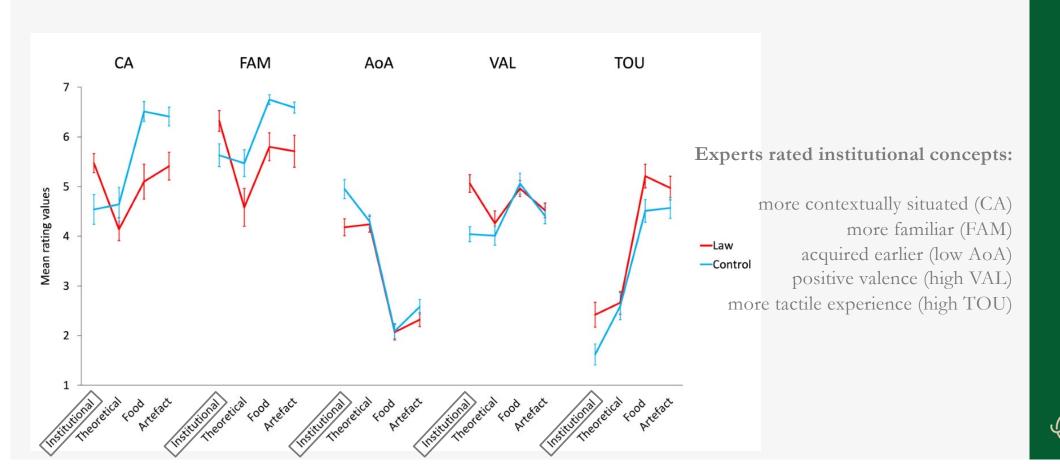
Metacognition (META)

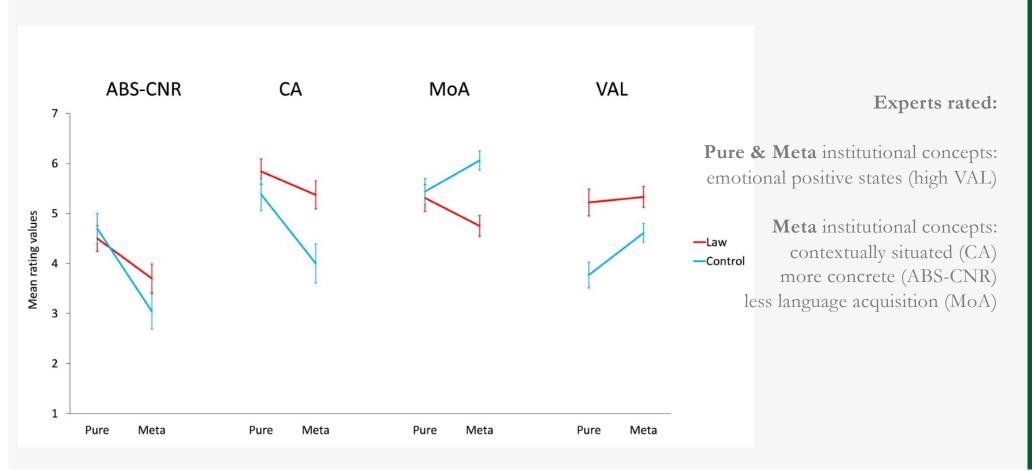
Emotionality (EMO)

Valence (VAL)

Sociality (SOC)

Social Metacognition (MESO)

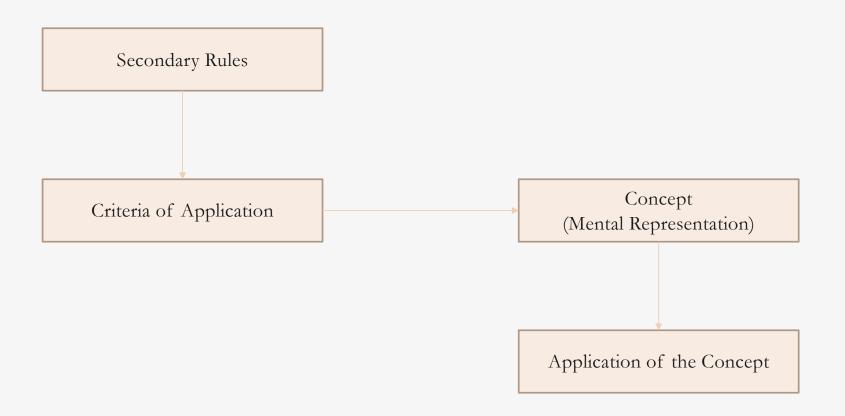




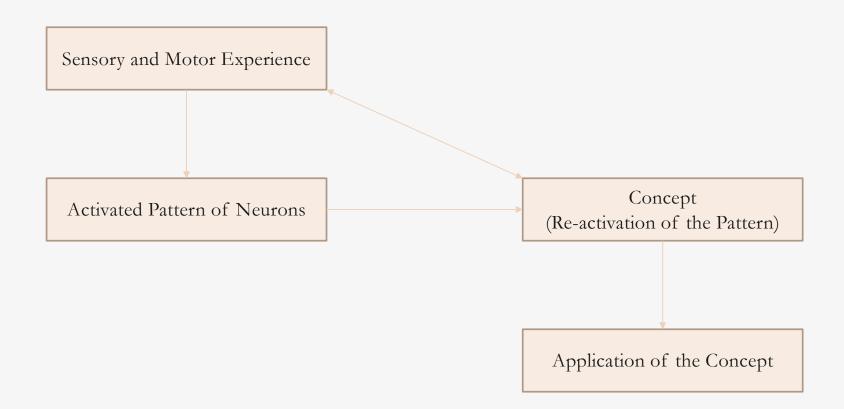
Embodied Internal Point of View

Qualifying Hart's Perspective

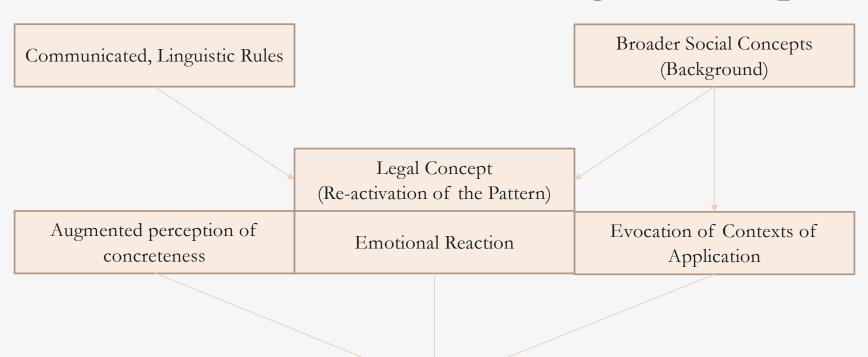
A Traditional View About Legal Concepts



An Embodied View About Concepts



An Embodied View about Legal Concepts



Application of the Concept

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Thank you!

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