External representations and the design of seamless learning systems: Toward a conceptual framework to analyze empirical evidence regarding learning benefits

# Details

## Year

Not reported

## Scope

Other

## Type

Other

## Methodologies

Other

## Other Methodology

Theoretical analysis based on existing literature

## Informed Consent

No consent needed

## Ethics

Other

## Other Ethical Procedure

No ethical considerations.

## URL

https://link.springer.com/content/pdf/10.1007%2F978-981-13-3071-1\_3.pdf

## Data Set Availability

Not mentioned

# Goals

"This chapter examined seamless learning from the perspective of external representations. It considered issues related to: the form factor of the devices and how this affects their interactional qualities; the need to understand the social settings and corresponding contexts; and the physical space. It seeks, firstly, to establish the relevance of ER literature and perspectives to the topic of seamless learning and, secondly, to elaborate on the key themes, tensions and research directions that emerge from their combination." (Authors, 67)