

CHAPTER 4
HOW THE CHAPTER BREAKS DOWN

With discussion in this chapter, "major extended and/or generally needed, not just as technical practices but as integral to the culture of modern computing, it is necessary to have a complete and not just a partial view."

Chapter 4: Introduction to the Field of Computing
The chapter introduces the field of computing, its history, and its future. It also discusses the importance of understanding the field of computing in the context of the broader world of technology and society.



"Verbal narratives are simultaneously conveyed and disrupted by code"



Breakdowns remind us that integration with machines have changed our world

"distributed cognition implies distributed agency"



cognition doesn't happen in one mind but is distributed across different minds, contexts, technologies

These intermediations mean that "computation evolves into something more than a technical practice, through of course it is also that. It becomes a powerful way to reveal to us the implications of our contemporary situation, creating revelations that work both within and beneath conscious thought" (157)

How the Chapter Breaks Down:

pp131-138: Introduction

pp139-155: Recursive Interactions

155-157: Revaluing Computational Practice

Chapter 4

REVEALING AND TRANSFORMING:
HOW ELECTRONIC LITERATURE
REVALUES COMPUTATIONAL
PRACTICE

Works discussed in this chapter “engage networked and programmable media not just as technical practices, but as integral components of understanding what it means to be human in a computational era” (131)

Literature “activates a recursive feedback loop between knowledge realized in the body through gesture, ritual, performance, posture, and enactment, and knowledge realized in the neocortex as conscious and explicit

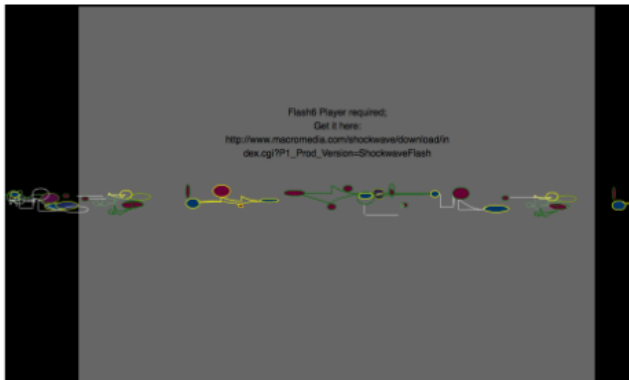
Literature “activates a recursive feedback loop between knowledge realized in the body through gesture, ritual, performance, posture, and enactment, and knowledge realized in the neocortex as conscious and explicit articulations” (132)







“Verbal narratives are simultaneously conveyed and disrupted by code”

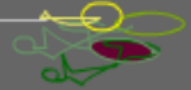
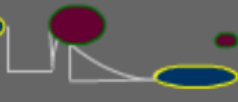
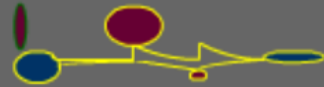
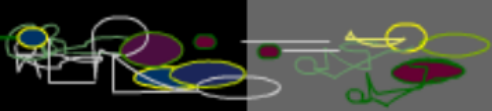


Breakdowns remind us that integration with machines have changed our world

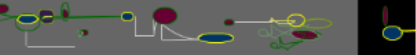
Flash6 Player required;

Get it here:

http://www.macromedia.com/shockwave/download/index.cgi?P1_Prod_Version=ShockwaveFlash

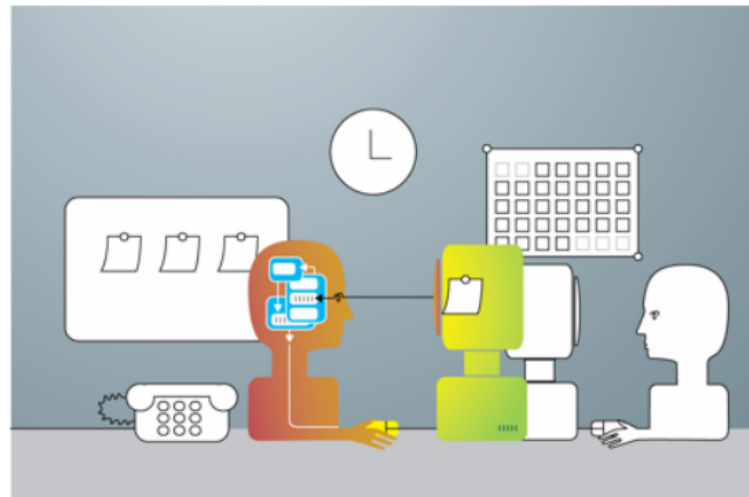


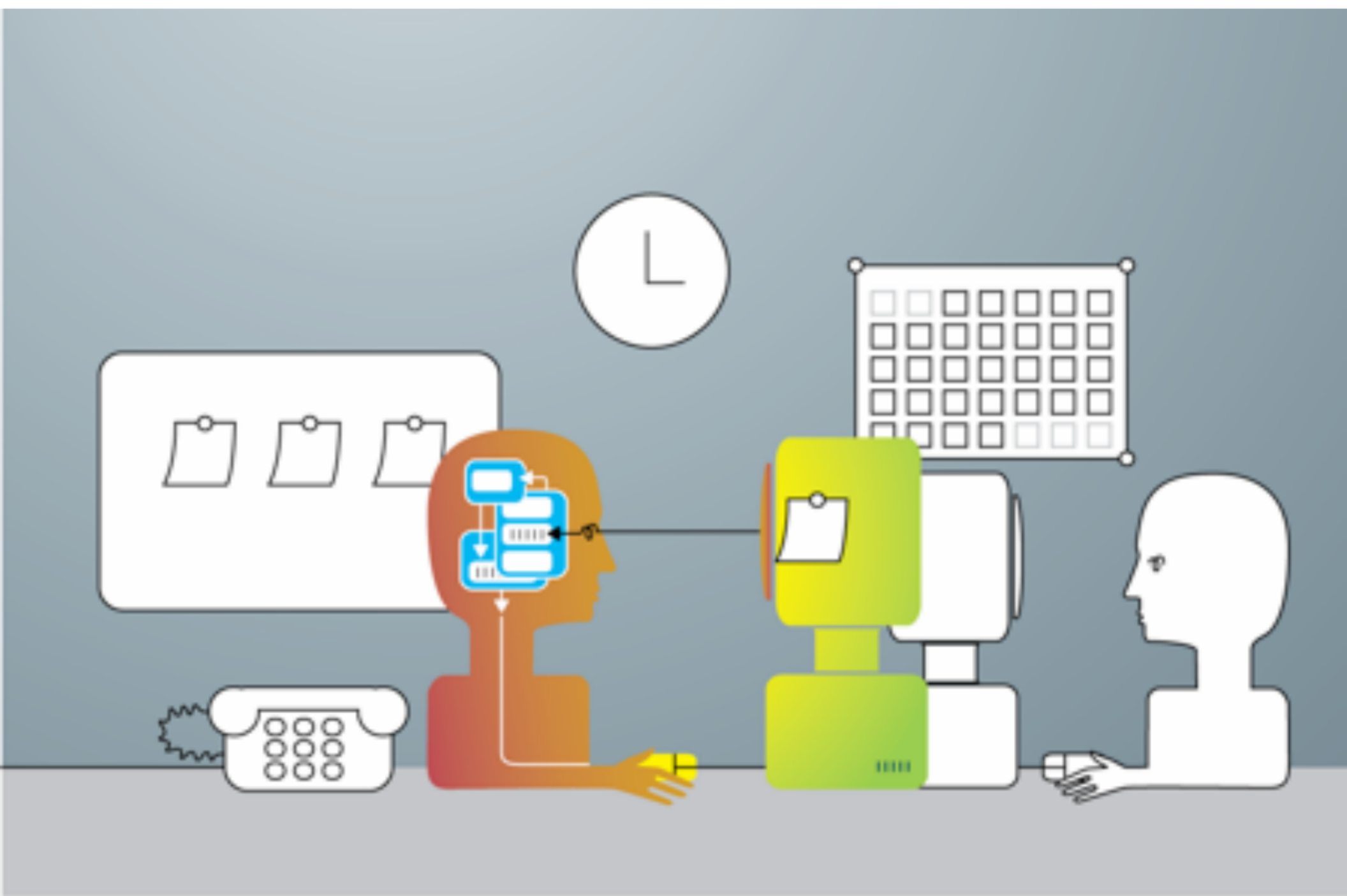
required;
re:
/shockwave/download/in
an=ShockwaveFlash

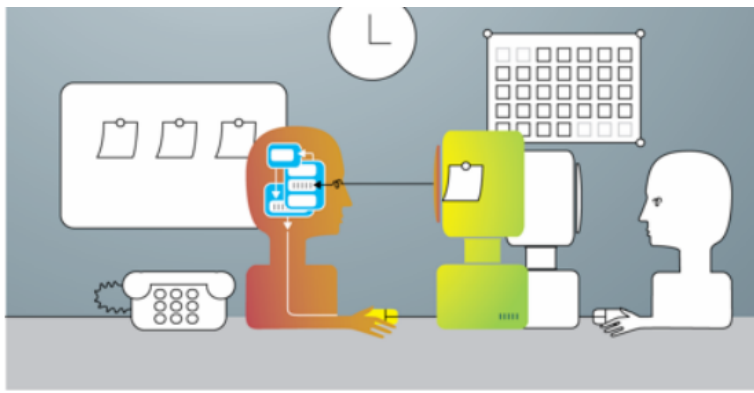


Breakdowns remind us that integration with machines
have changed our world

“distributed cognition implies distributed agency”







cognition doesn't happen in one mind but is distributed across different minds, contexts, technologies

These intermediations mean that “computation evolves into something more than a technical practice, through of course it is also that. It becomes a powerful way to reveal to us the implications of our contemporary situation, creating revelations that work both within and beneath conscious thought” (157)

...com practice, through of course it is also that it
...ful way to reveal to us the implications of our
...ation, creating revelations that work both within and
...s thought" (157)

How the Chapter Breaks Down:

pp131-138: Introduction

pp139-155: Recursive Interactions

155-157: Revaluing Computational Practice