

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



فضای سایبر

جلسه ۲۱

فضای سایبر و انسان

Cyberspace and Human

کاظم فولادی قلعه
دانشکده مهندسی، دانشکدگان فارابی
دانشگاه تهران

<http://courses.fouladi.ir/cyber>

فضای سایبر و انسان



انسان
(بشر)

اتیمولوژی «هیومن»



*(dh)ghomon-

PIE

earthling, earthly being



humanus

Latin

of man, human; humane,
philanthropic, kind, gentle, polite;
learned, refined, civilized



humain, umain

Old French

of or belonging to man



humain, humaigne

mid-15c.

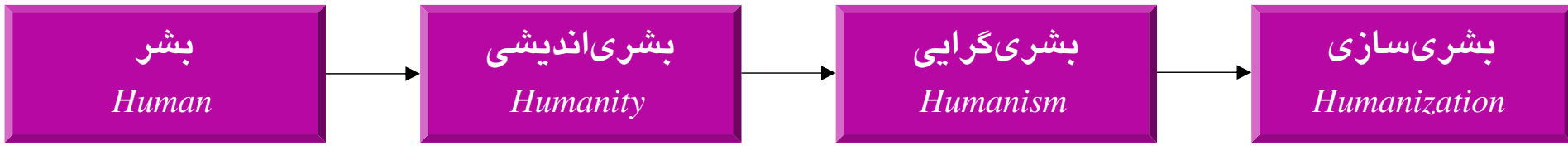
human



human (adj.)

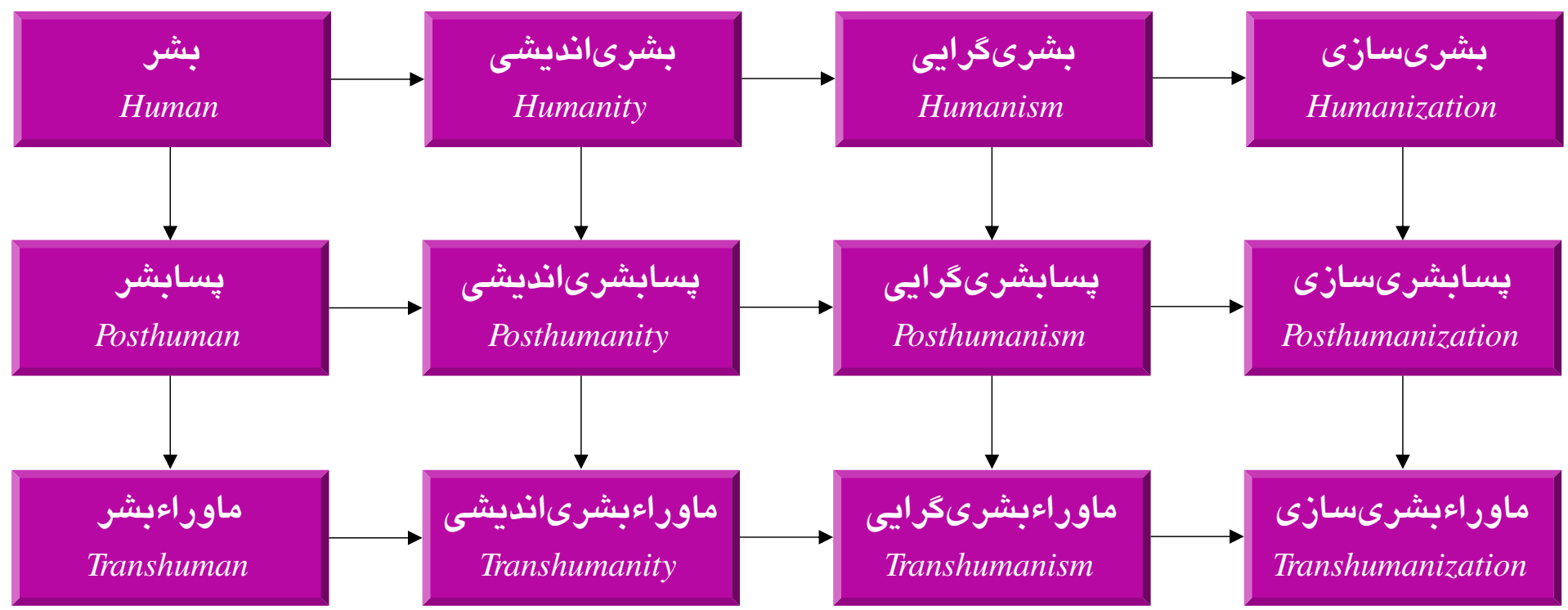
از «بشری‌اندیشی» تا «بشری‌سازی»

FROM HUMANITY TO HUMANIZATION



از «بشری‌گرایی» تا «ماوراءبشری‌سازی»

FROM HUMANISM TO TRANSHUMANIZATION

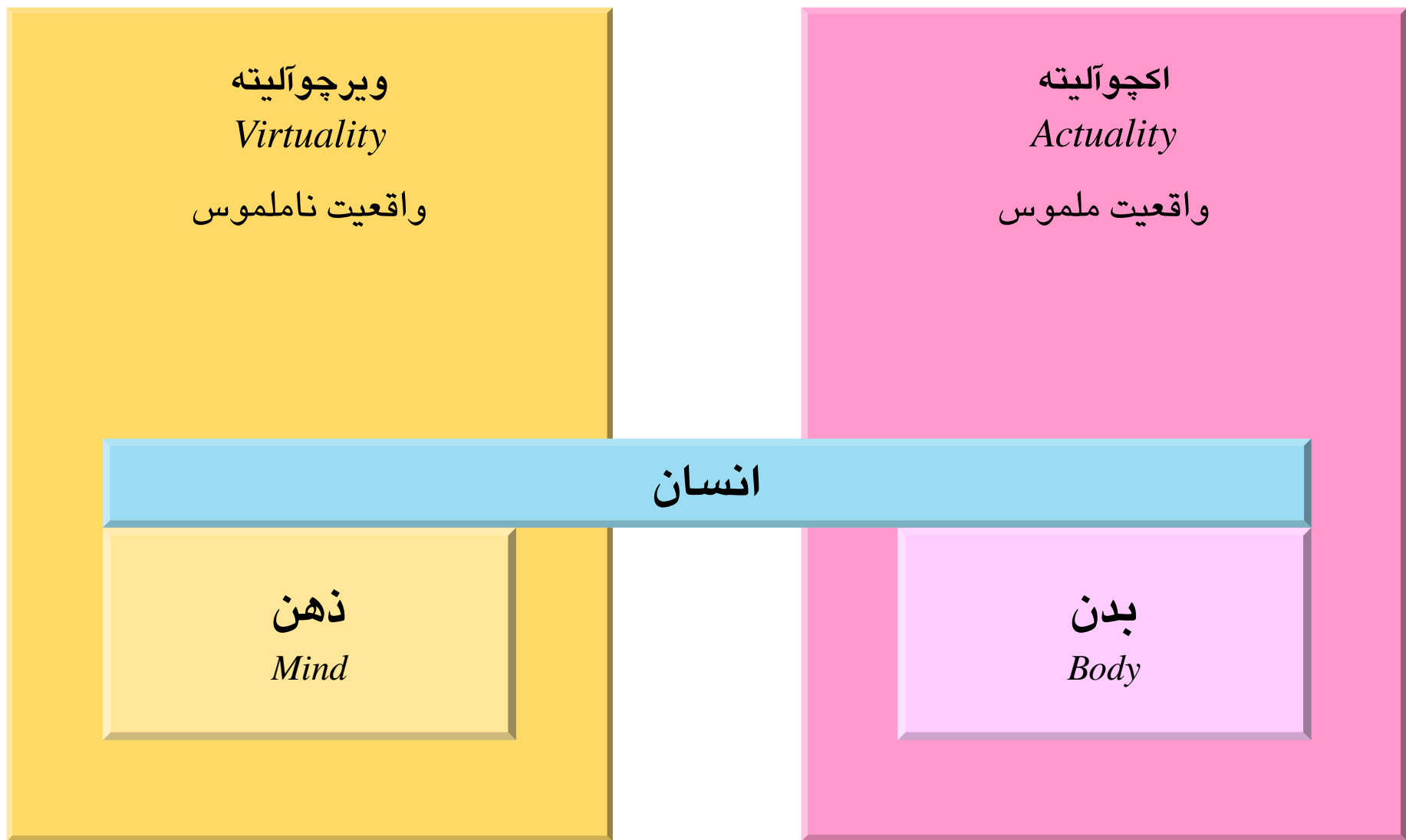


انسان

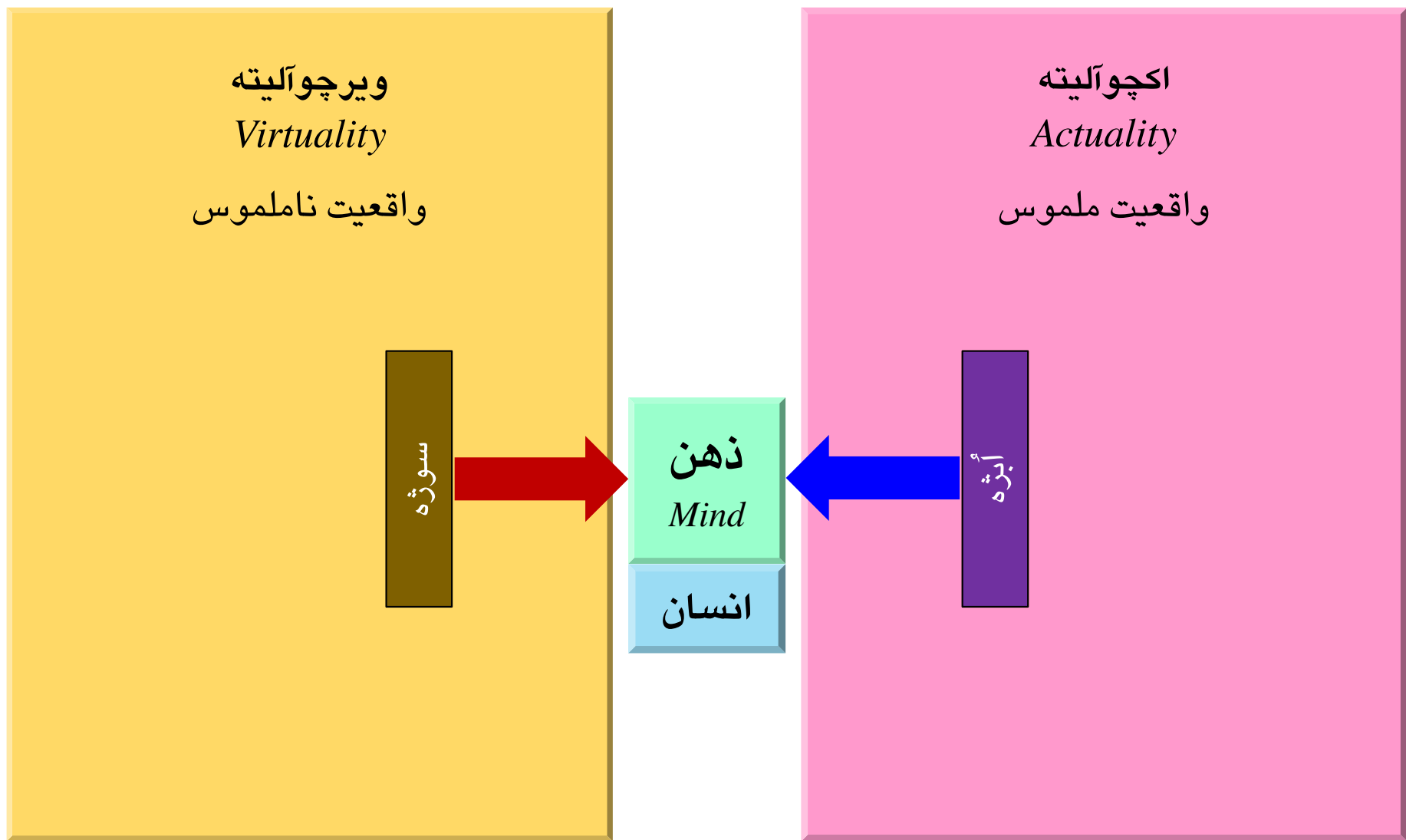
دوگانه‌ی ذهن و بدن



ذهن - بدن در نسبت ویرچوآلیته - اچوآلیته

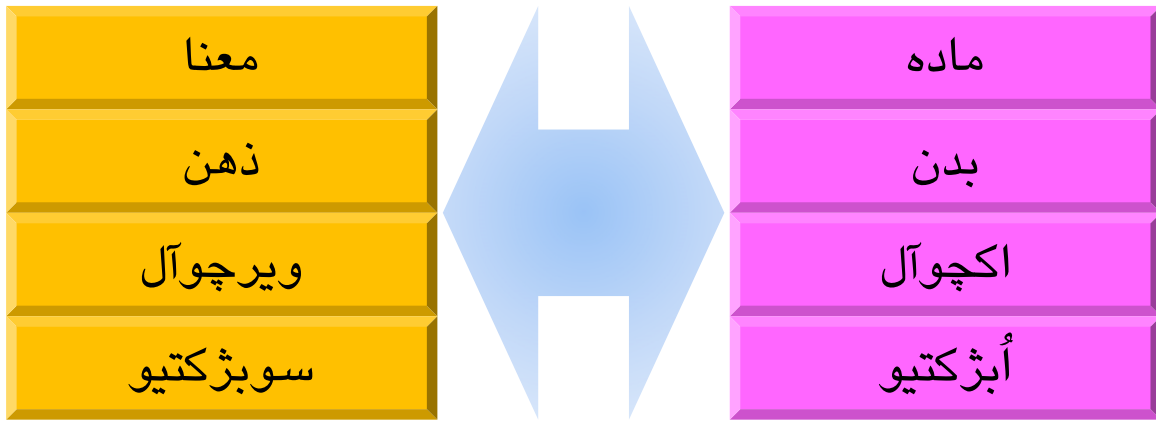


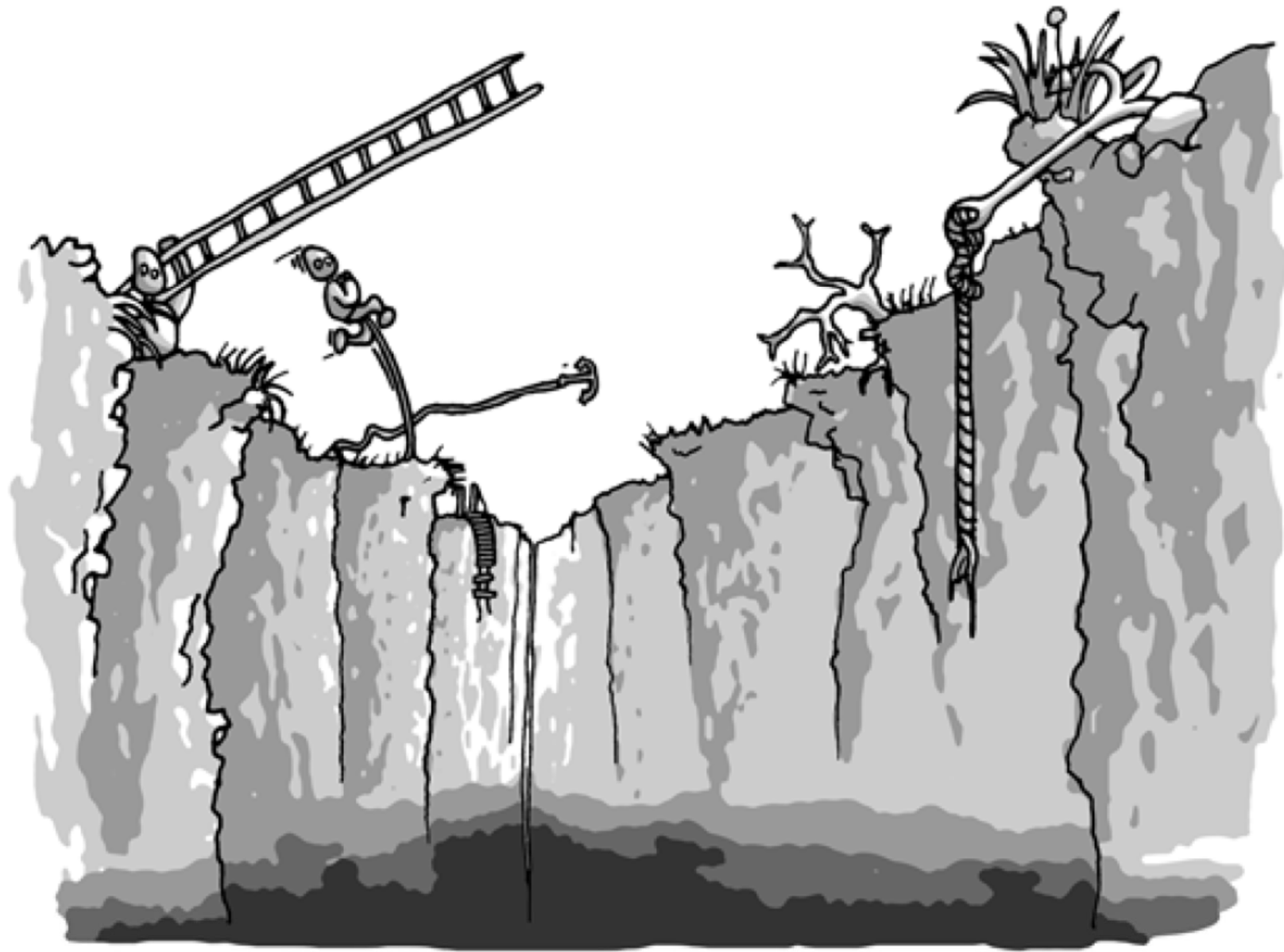
سوژه - اُبژه در نسبت ویرچوآلیته - اچوآلیته



شکاف معرفتی

دوگانه‌های فلسفی





1. No one has yet succeeded in bridging the fathomless abyss, the great chasm or the explanatory gap between inner and outer, mind and brain, or subjective and objective.

DUALISM vs MONISM

Cartesian Duality:
MATTER-MIND



KEY:

Physical and Mental substance
is either fundamental or derivative.
(solid line) (dashed line)

Physicalism:
MATTER > Mind



Idealism:
Matter < MIND



Neutral Monism:
3rd SUBSTANCE
> Matter & Mind

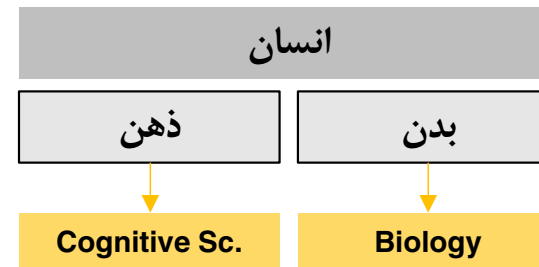


فضای سایبر و انسان

۲

جایگاه
انسان
در
فضای سایبر

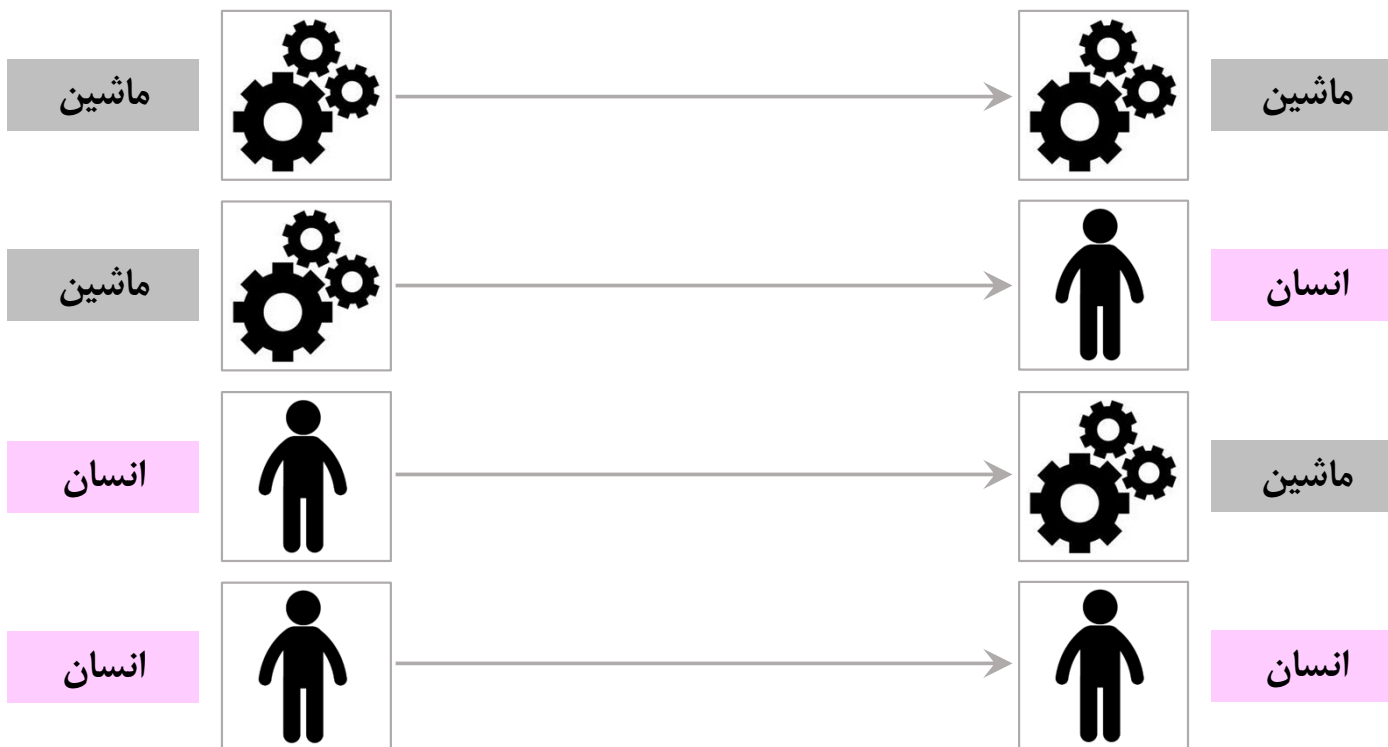
فضای سایبر و انسان



انسان / ماشین در جایگاه کنترل کننده / کنترل شونده

بخش
کنترل کننده
Controlling Part

بخش
کنترل شونده
Controlled Part



مدل پیشنهادی مطالعه‌ی فضای سایبر

دنیا

World

انسان

Human

کاربرد

Application

زیرساخت

Infrastructure

مدل پیشنهادی مطالعه‌ی فضای سایبر

جایگاه انسان

انسان به‌عنوان «بخشی از دنیا»	دنیا <i>World</i>
انسان به‌عنوان «کاربر»	انسان <i>Human</i>
انسان در نسبت با «کاربرد»	کاربرد <i>Application</i>
انسان به‌عنوان «زیرساخت»	زیرساخت <i>Infrastructure</i>

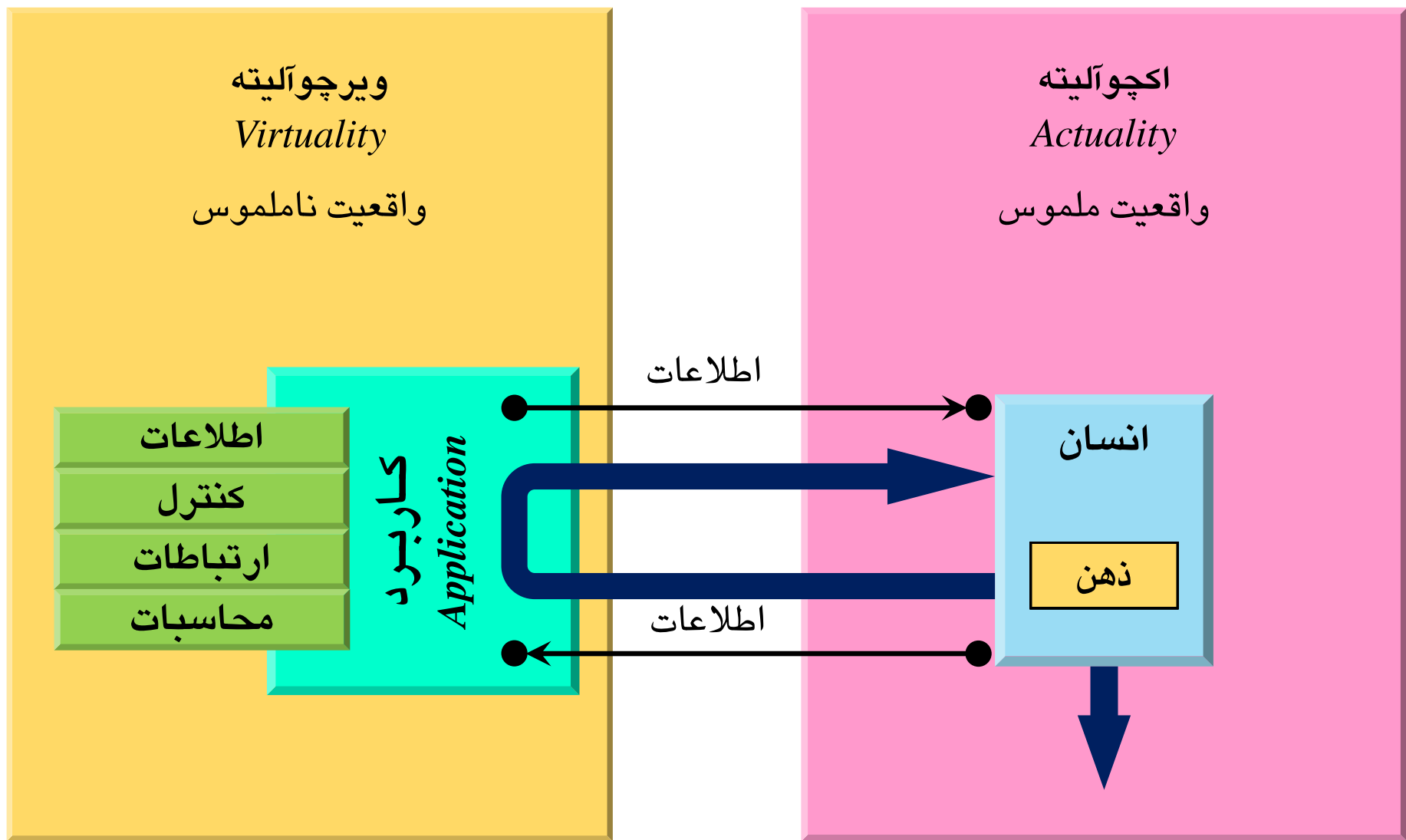
فضای سایبر و انسان

۳

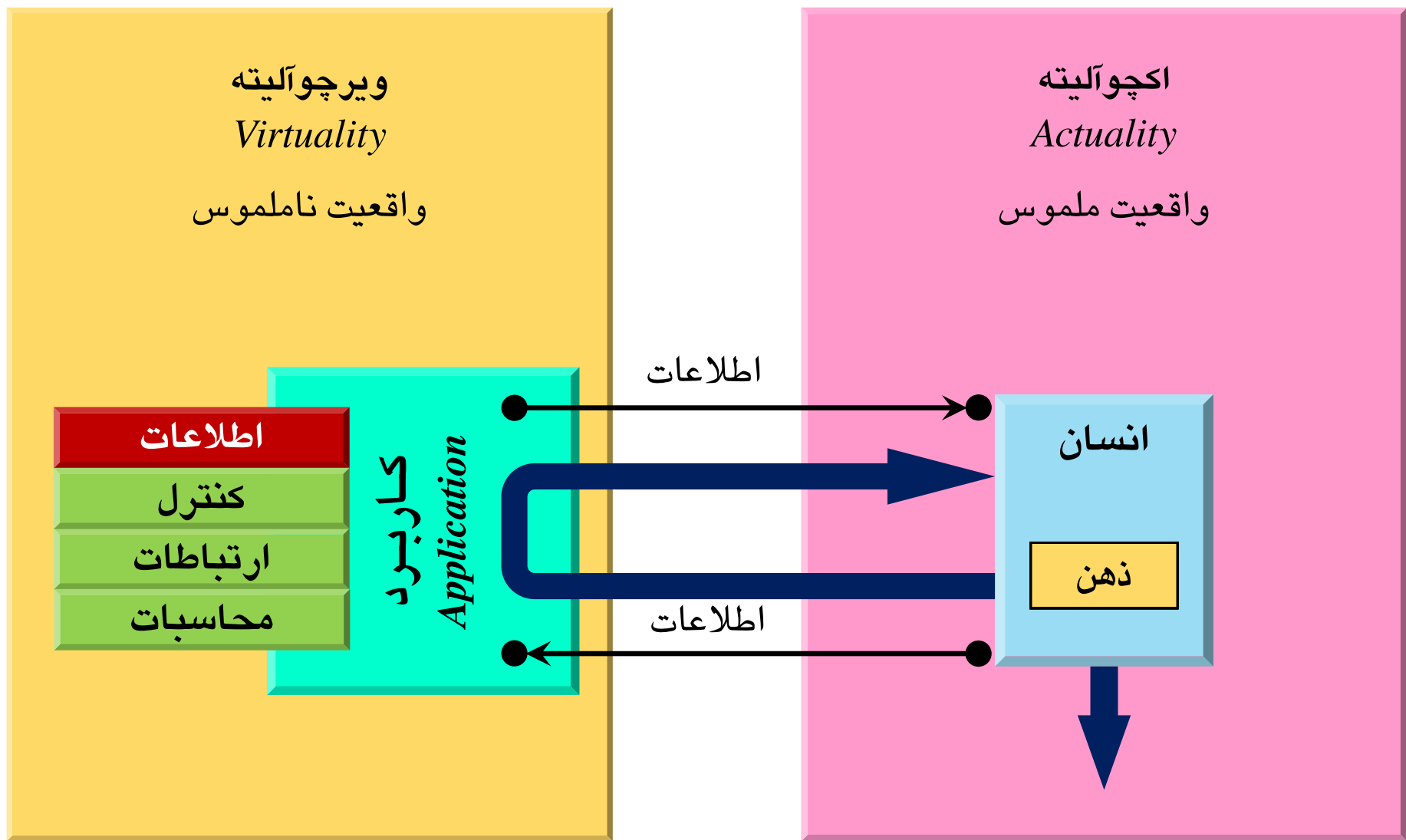
توانمندی
انسان
و
فضای سایبر

انسان به مثابه «واقعیت ملموس»

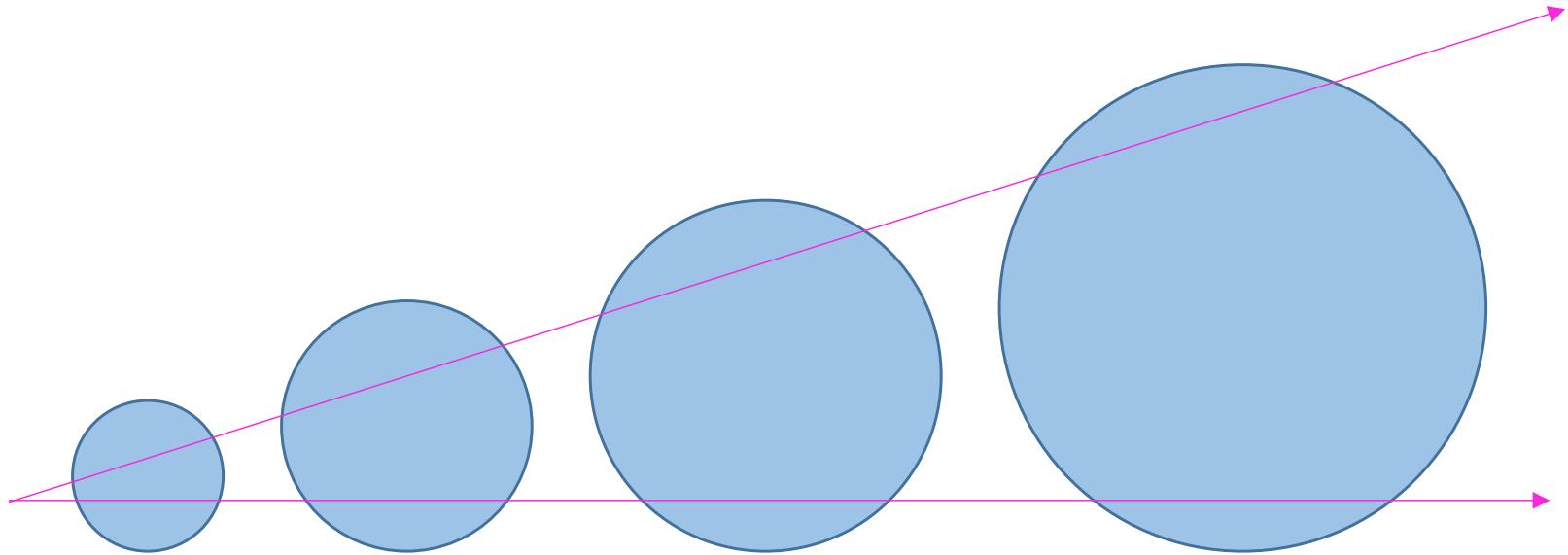
حامل واقعیت ناملموس «ذهن»



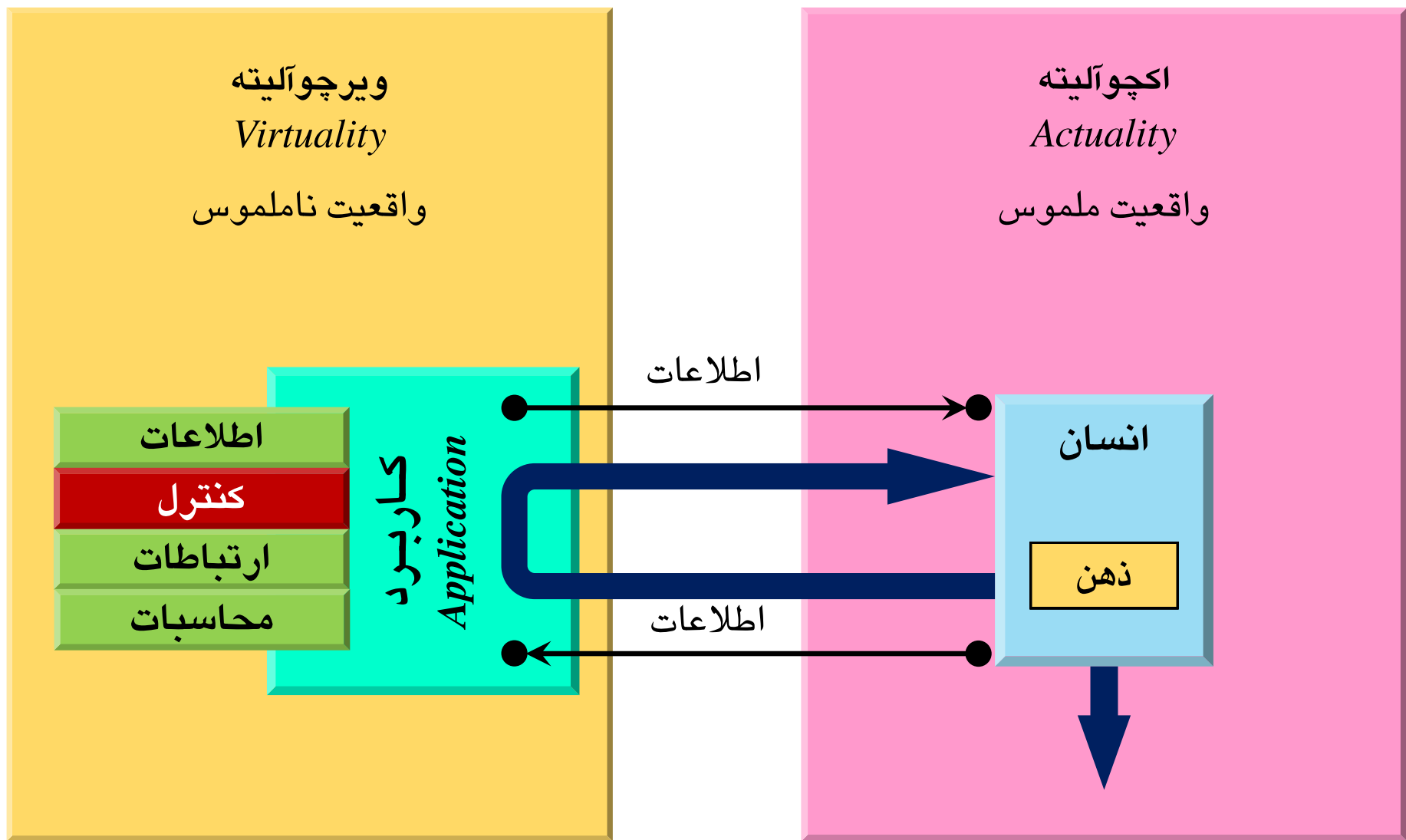
گسترش «اطلاعات» برای انسان با استفاده از فضای سایبر



ولع اطلاعاتی

INFORMATION GREED

گسترش توانمندی «کنترل» برای انسان با استفاده از فضای سایبر



کنترل - انسان فعال - انسان منفعل

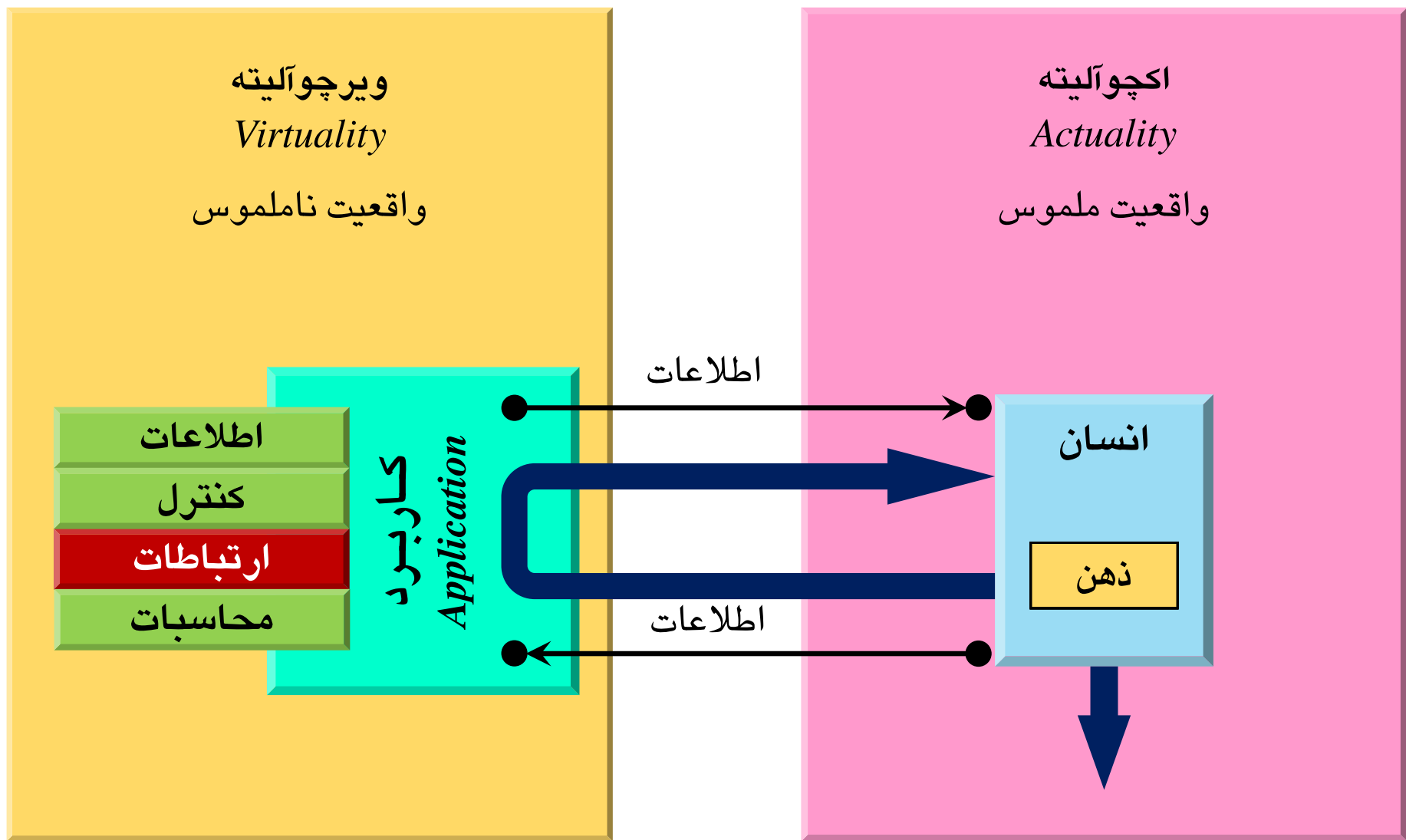
انسان فعال

گسترش کنترل کنندگی

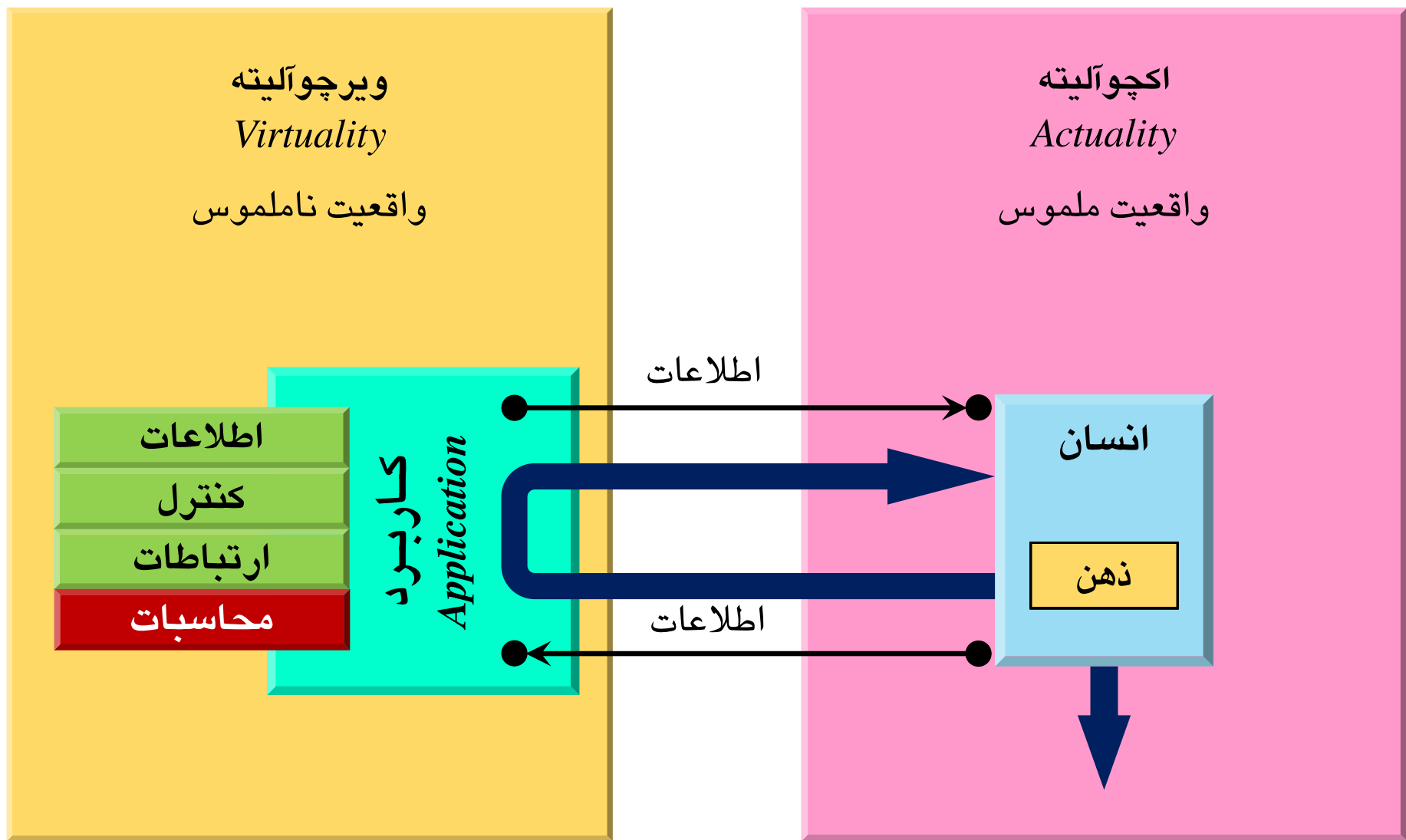
انسان منفعل

گسترش کنترل شونده‌گی

گسترش توانمندی «ارتباطات» برای انسان با استفاده از فضای سایبر



گسترش توانمندی «محاسبات» برای انسان با استفاده از فضای سایبر



فضای سایبر و انسان

۴

انسان
سایبورگ
(بایوسایبورگ)

انسان بایوسایبورگ

BIOCYBORG HUMAN

انسان بایوسایبورگ

سیستم تکنولوژیکی

+

سیستم بایولوژیکی



Cyborgs and space

Altering man's bodily functions to meet the requirements of extraterrestrial environments would be more logical than providing an earthly environment for him in space . . . Artifact-organism systems which would extend man's unconscious, self-regulatory controls are one possibility

By Manfred E. Clynes and Nathan S. Kline

ROCKLAND STATE HOSPITAL, ORANGEBURG, N. Y.



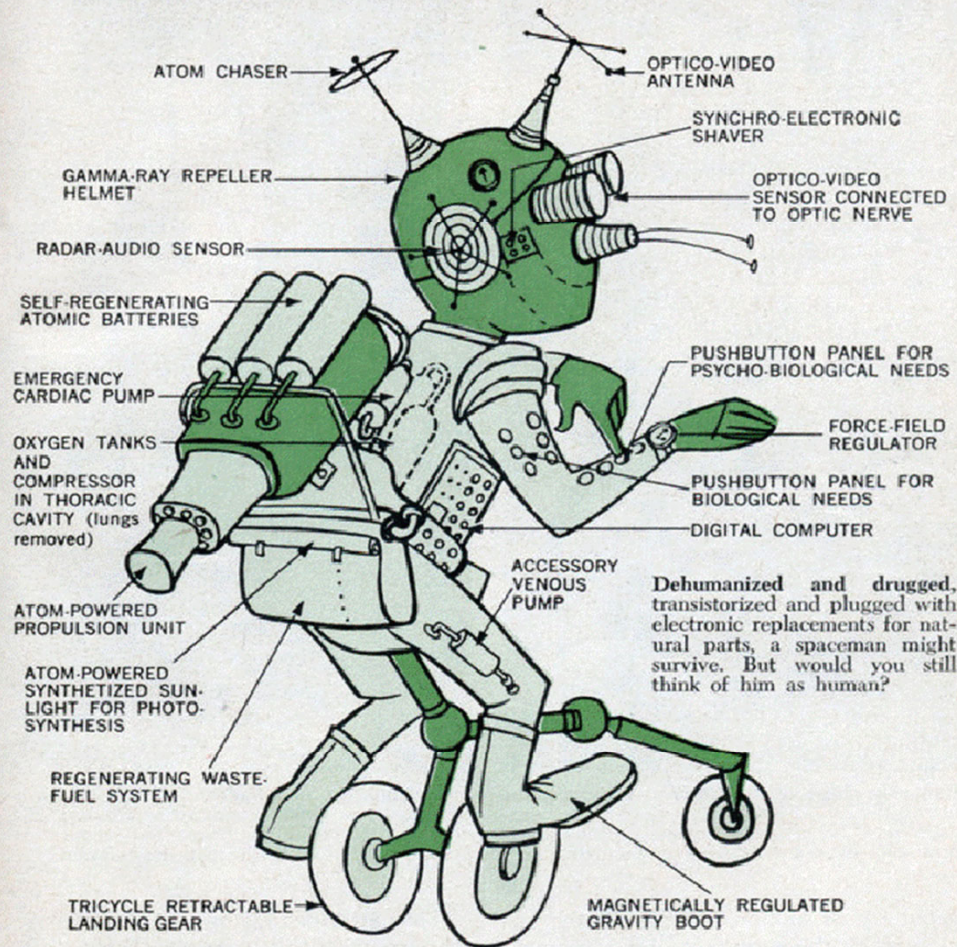
Clynes

Kline

SPACE travel challenges mankind not only technologically but also spiritually, in that it invites man to take an active part in his own biological evolution. Scientific advances of the future may thus be utilized to permit man's existence in environments which differ radically from those provided by nature as we know it.

The task of adapting man's body to any environment he may choose will be made easier by increased knowledge of homeostatic functioning, the cybernetic aspects of which are just beginning to be understood and investigated. In the past evolution

Must Tomorrow's Man Look Like This?



By Toby Freedman, M.D., and Gerald S. Lindner, M.D.

No electronic plug-ins needed, say these two doctors. Man's own capacity for adaptation, with help from science, can fit him for new ways of life

THE design of vehicles is one of the oldest and noblest arts of mankind. Look at a model of a prehistoric Polynesian canoe. It's as hydrodynamically elegant and functionally beautiful as the X-15. The wheel, the ski, the kayak, the sports car—pure

VAN DAMME

(The Star of "Bloodsport")



He's the First Hero of the 21st Century...And He's Our Only Hope.

CYBORG

CANNON ENTERTAINMENT, INC. PRESENTS A GOLAN-GLOBUS PRODUCTION AN ALBERT PYUN FILM "CYBORG" STARRING JEAN CLAUDE VAN DAMME - DEBORAH RICHTER - VINCENT KLYN AND DAYLE HADDON AS "SAR, RESPECT"
MUSIC BY JIMI SAAD AND TONY RIPARETTI ASSOCIATE PRODUCER TOM KARNOVSKI WRITTEN BY KITTY CHALMERS PRODUCED BY MENAHEM GOLAN AND YORAM GLOBUS DIRECTED BY ALBERT PYUN



© 1999 CANNON ENTERTAINMENT, INC. AND CANNON INTERNATIONAL

UNIVERSAL PICTURES PRESENTS

CYBORG COP



CYBORG COP is a thrilling mix of sci-fi thrills and martial arts-style action starring David Bradley ('American Ninja'), Alano Shaw ('Double Impact'), John Rhys-Davies ('Indiana Jones') and Rufus Swart ('Dust Devils').



A power-mad scientist has embarked on a terrifying series of experiments which transform his human victims into fearsome high-tech cyborgs...

half-man, half-robot warriors that will kill on his command.

His deranged plan is to build an invincible army of futuristic robo-killers programmed to eliminate the world's leaders, then to sell them to the highest bidder.



A mysterious package from his missing brother and the discovery of a string of mutilated, faceless corpses has drawn undercover agent Jack



Ryan into a deadly struggle between Man and Machine. Let the battle commence...



WARNING: Copyright protected. All rights reserved. Packaging © Video Communications Ltd. Sales and Distribution by 20-20 Video.



VHS CYBORG COP

HI-FI STEREO



DAVID BRADLEY



with JOHN RHYSDAVIES as KESSEL

A FILM BY SAM FIRSTENBERG

CYBORG COP 18

He was programmed to kill... Nobody can stop him...



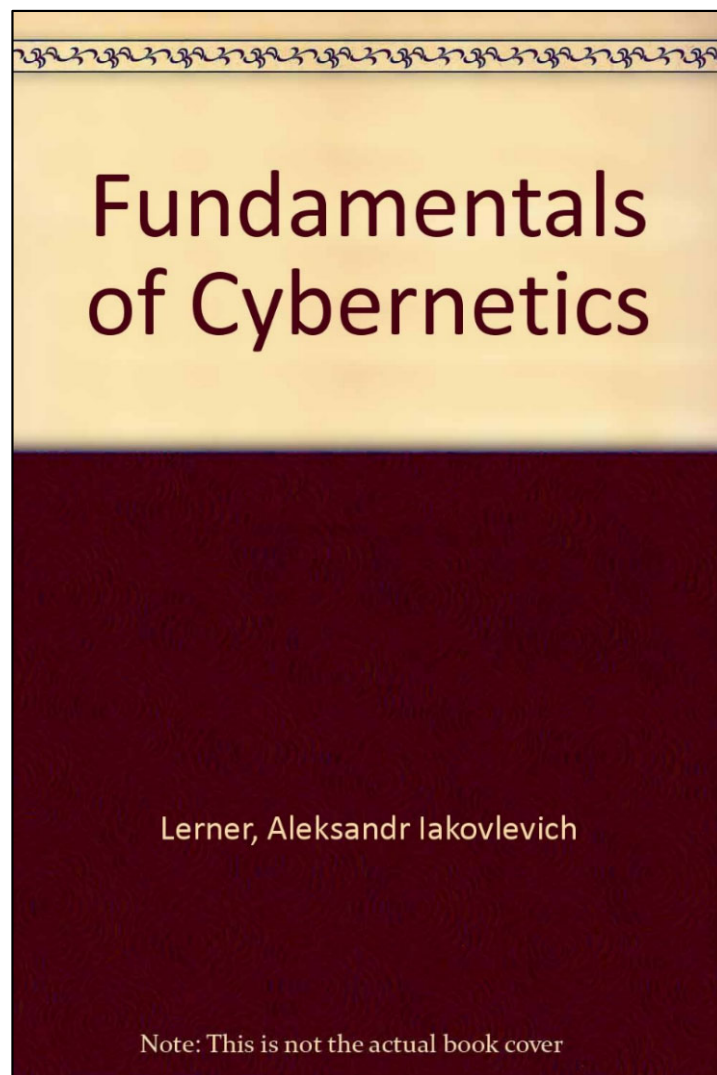
MCA HOME VIDEO PRESENTS A MCA WORLD PRODUCTION A FILM BY SAM FIRSTENBERG "CYBORG COP" STARRING DAVID BRADLEY • JOHN RHYSDAVIES • ALANO SHAW • EDUARD GIER • TODD BRONER WRITTEN BY ALAN PATRICK DIRECTED BY FIRSTENBERG. JOSEPH WOOD U.S.C. EXECUTIVE PRODUCERS: ART LORBER • TONYA SHAW PRODUCED BY BRUCE LUTTER. MCA HOME VIDEO © 1989 MCA. ALL RIGHTS RESERVED. MCA HOME VIDEO IS A REGISTERED TRADEMARK OF MCA INC.

فضای سایبر و انسان

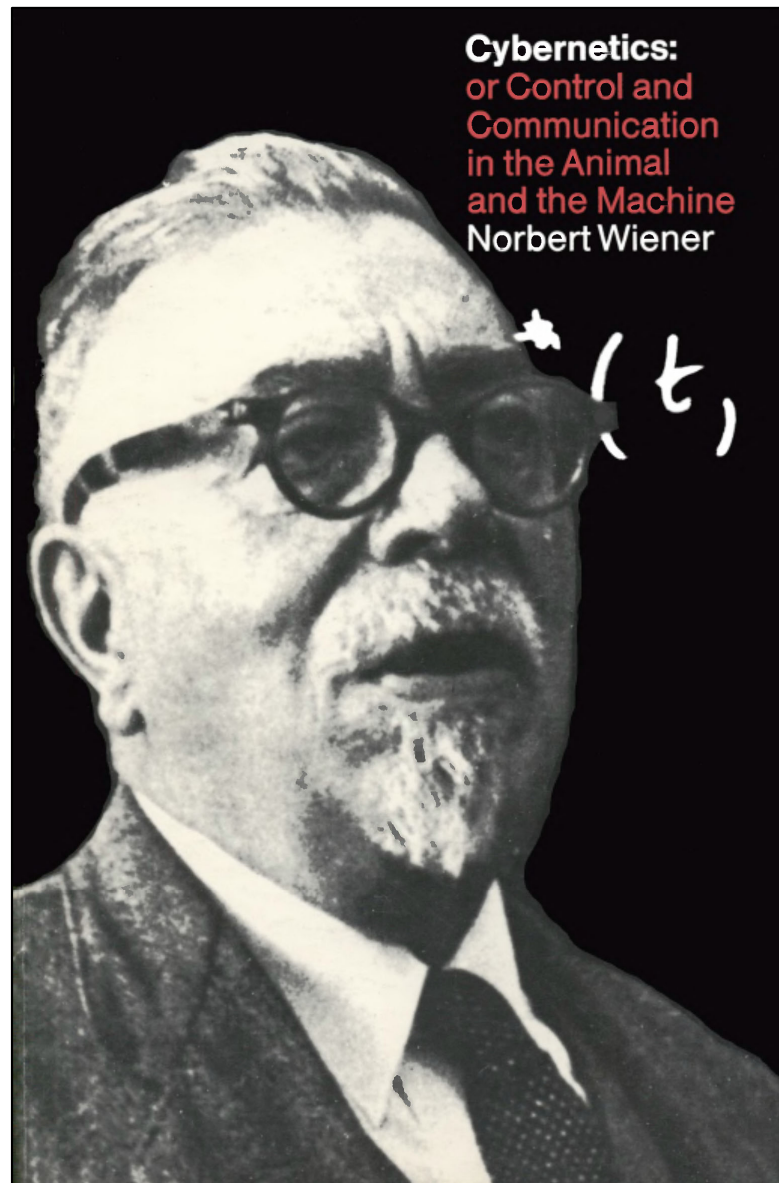
۵

منابع
و
مراجع

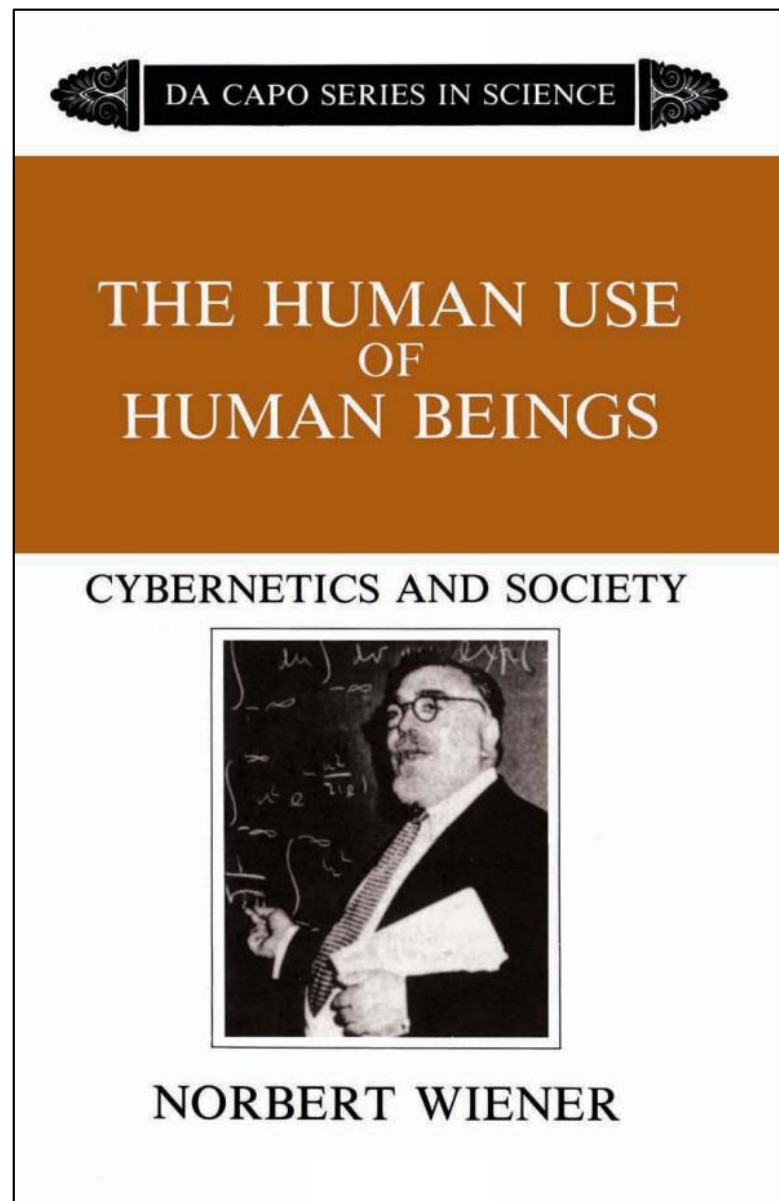
کتاب مرجع



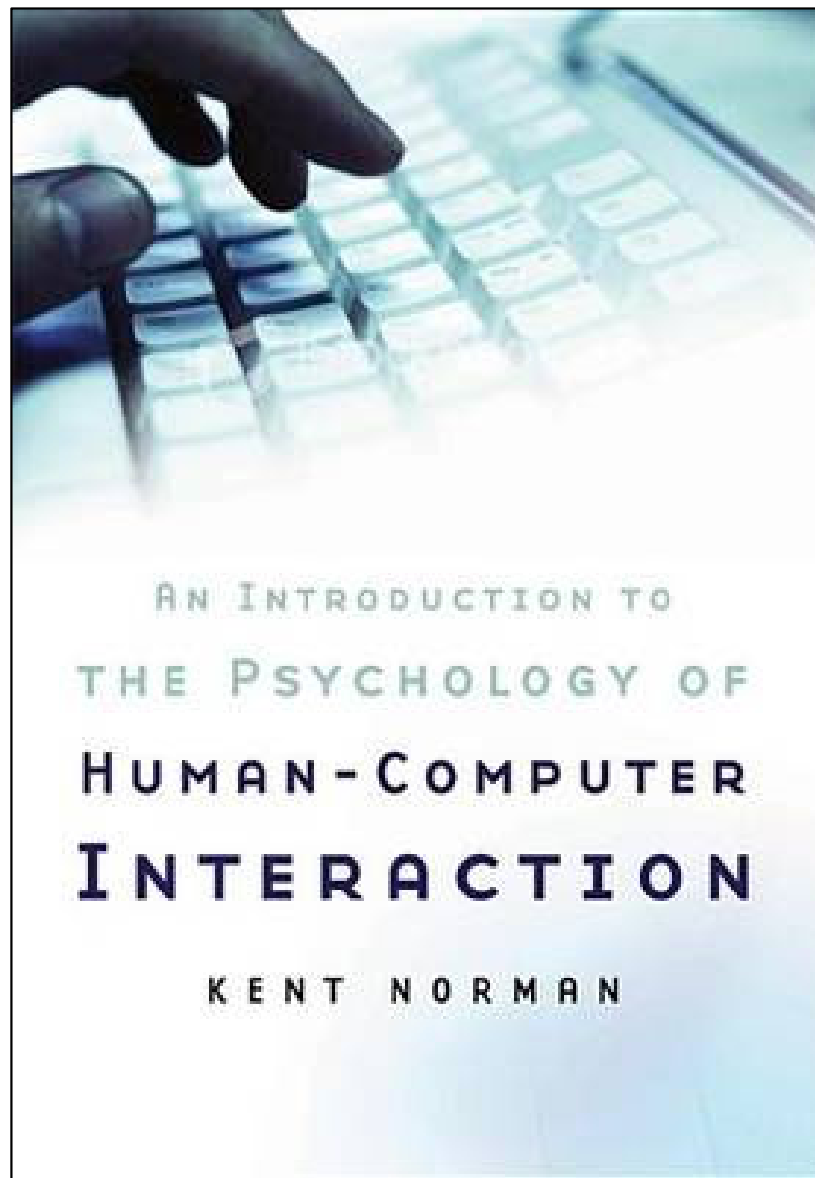
کتاب مرجع



کتاب مرجع

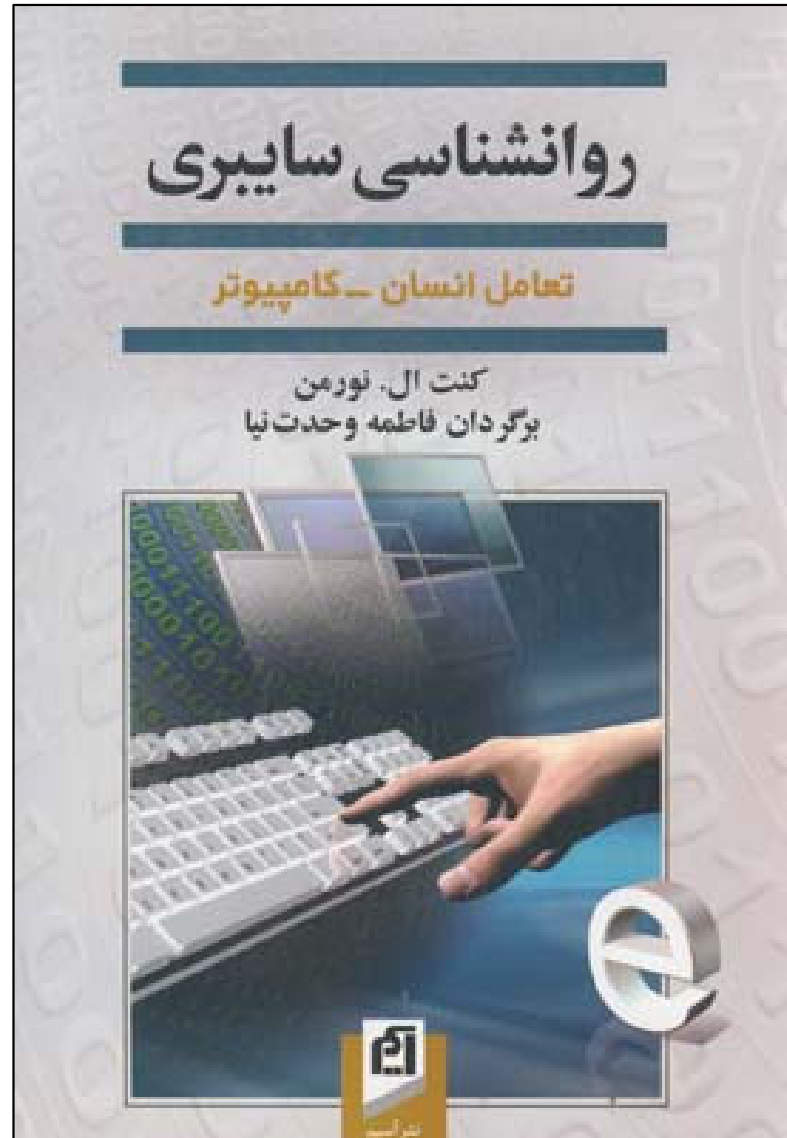
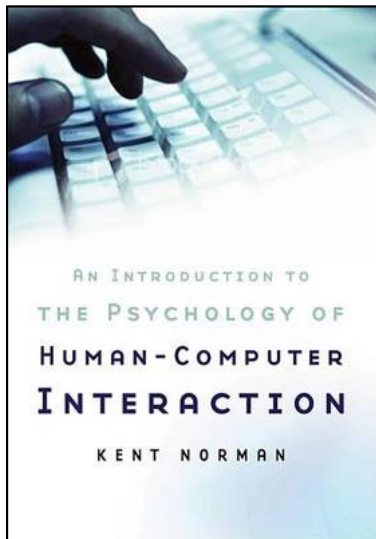


کتاب مرجع

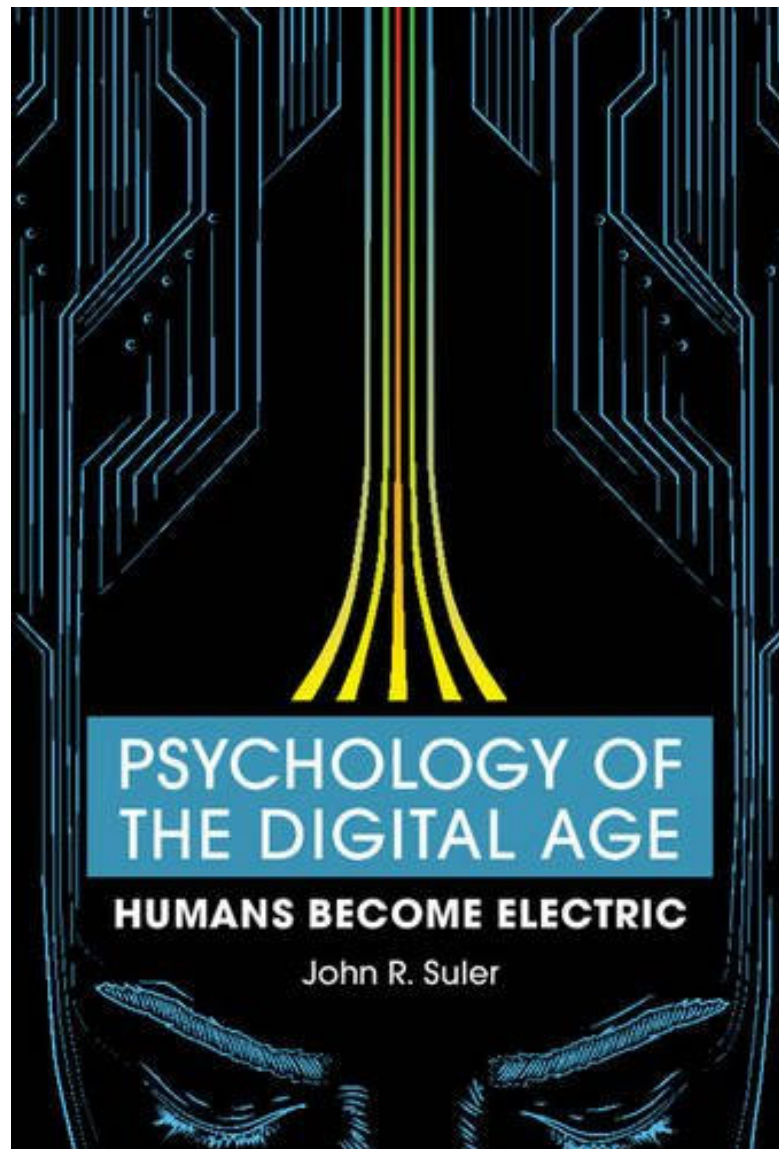


AN INTRODUCTION TO
THE PSYCHOLOGY OF
HUMAN-COMPUTER
INTERACTION
KENT NORMAN

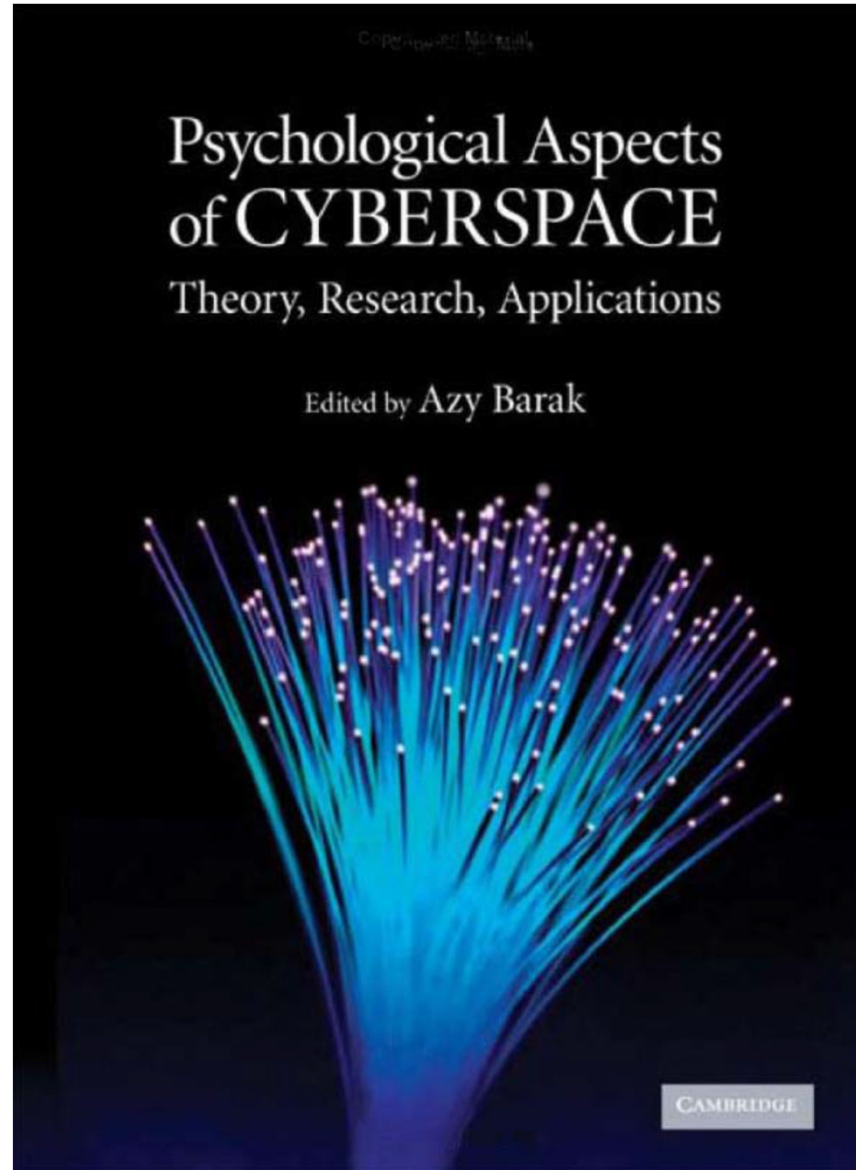
کتاب مرجع



کتاب مرجع



کتاب مرجع



کتاب مرجع

The Psychology of Cyberspace

The Classic Text

John Suler, Ph.D.

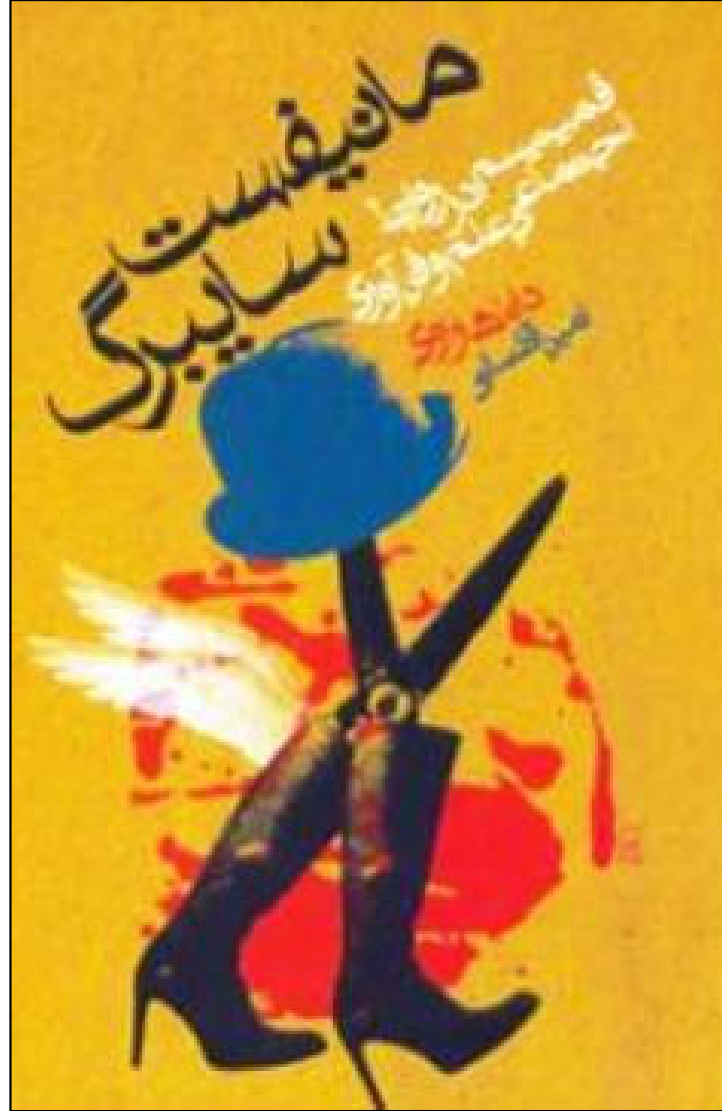
Department of Psychology
Science and Technology Center
Rider University

کتاب مرجع

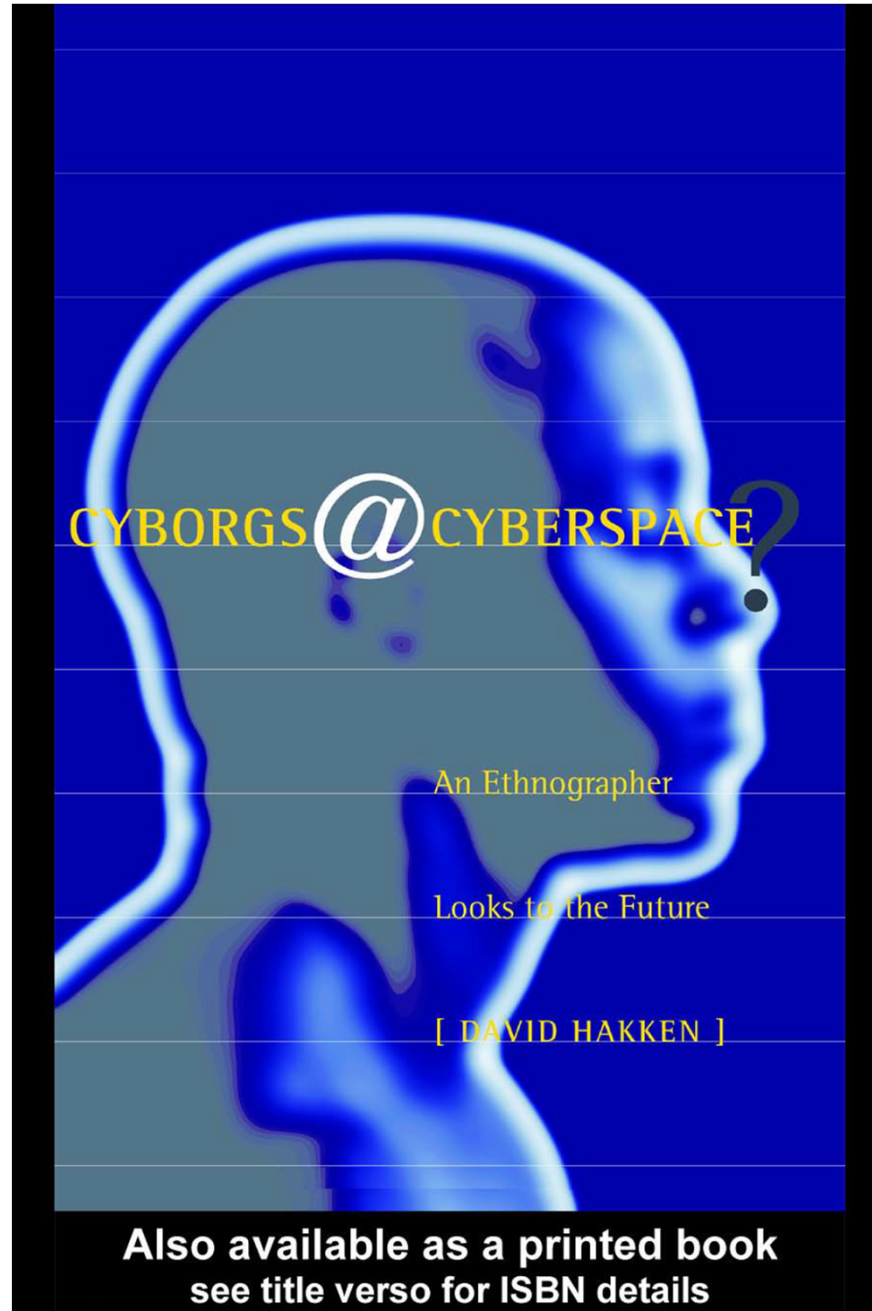


A CYBORG MANIFESTO:
SCIENCE, TECHNOLOGY, AND SOCIALIST-FEMINISM
IN THE LATE TWENTIETH CENTURY

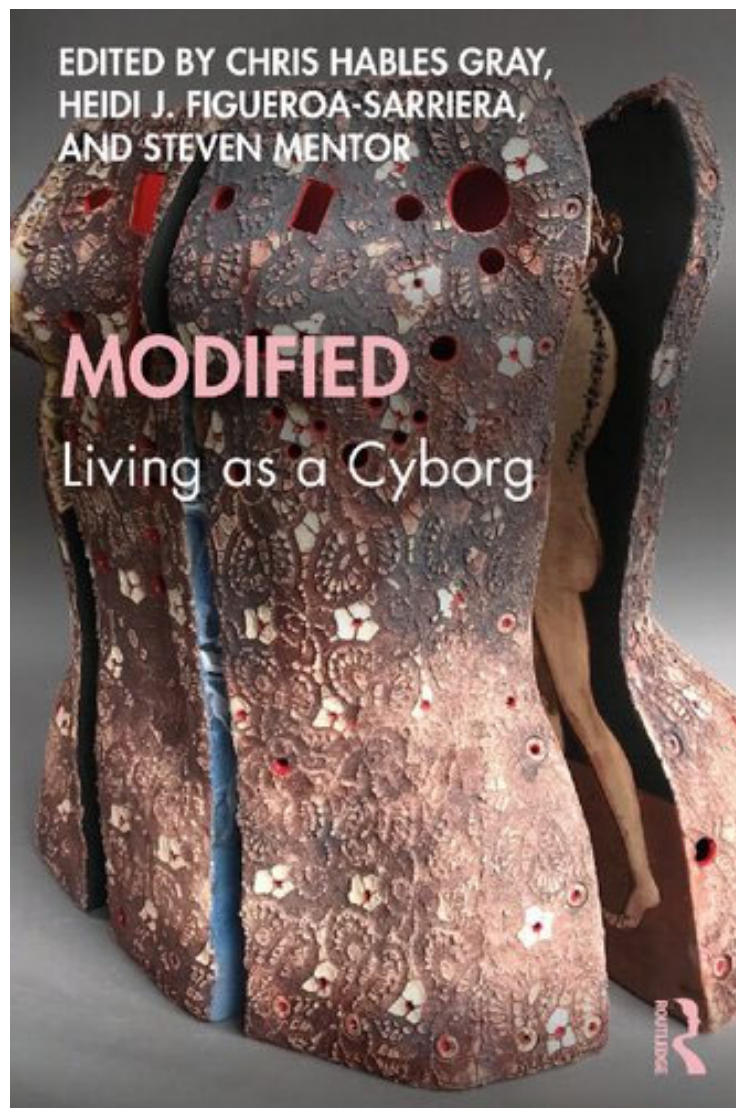
کتاب مرجع



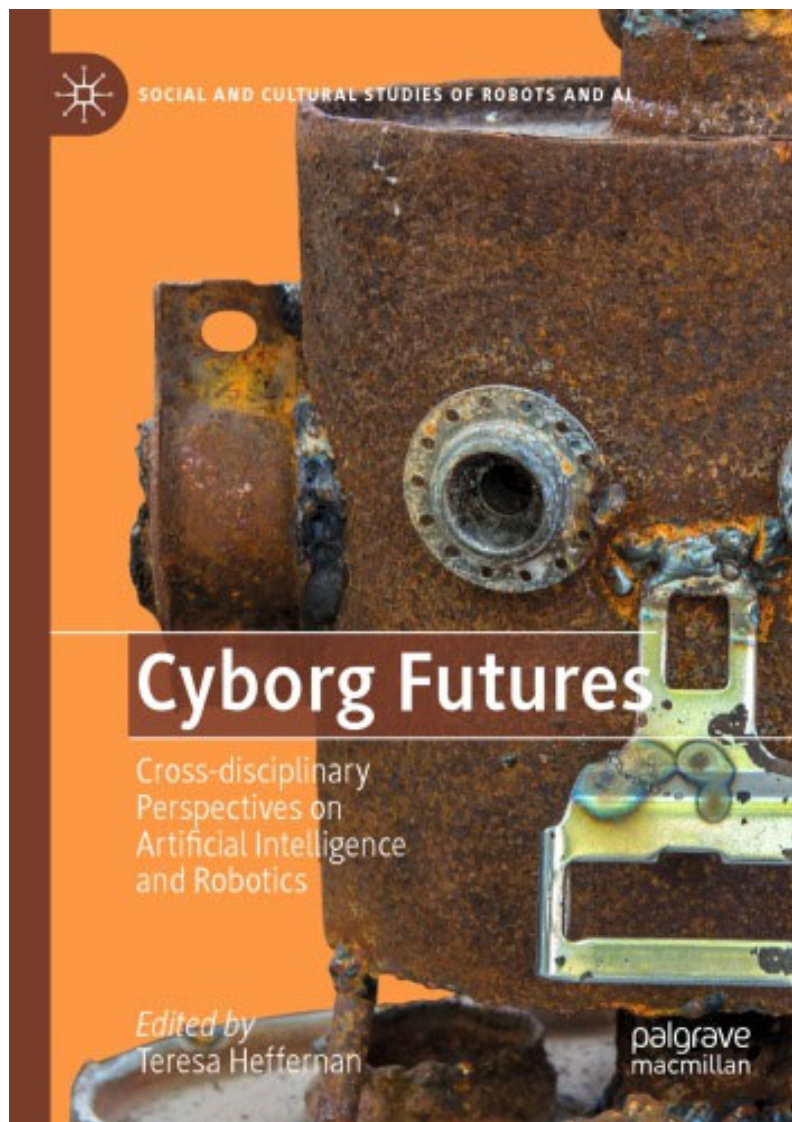
کتاب مرجع



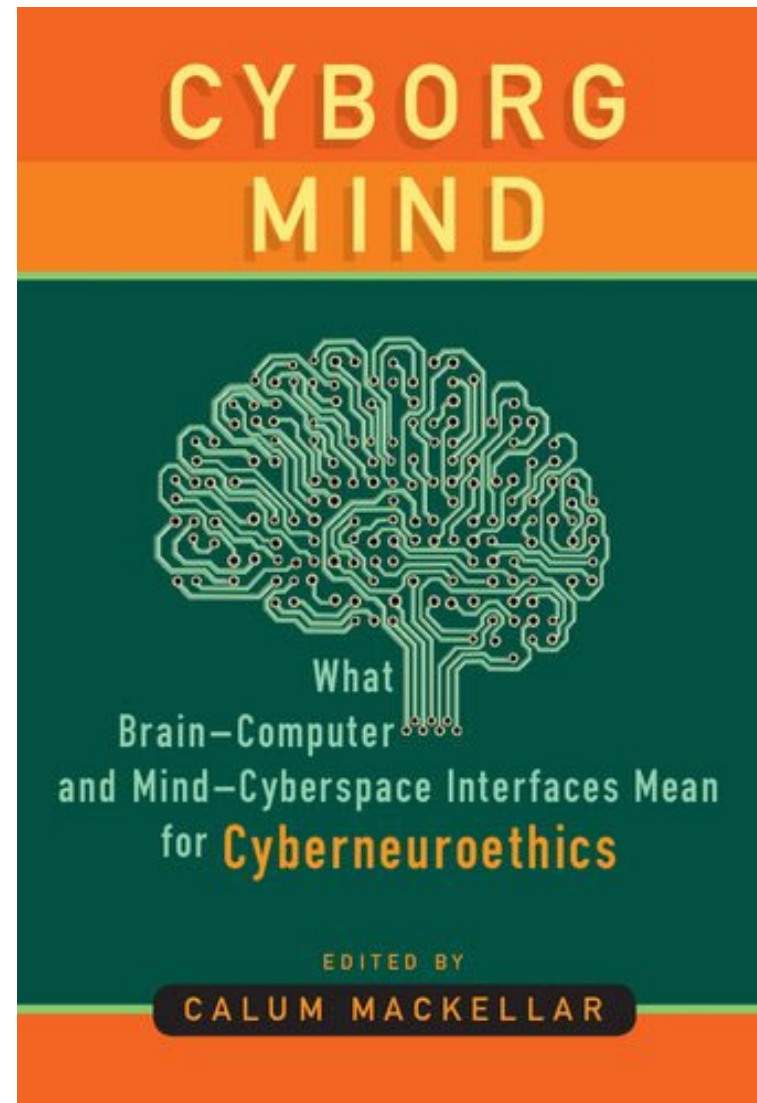
کتاب مرجع



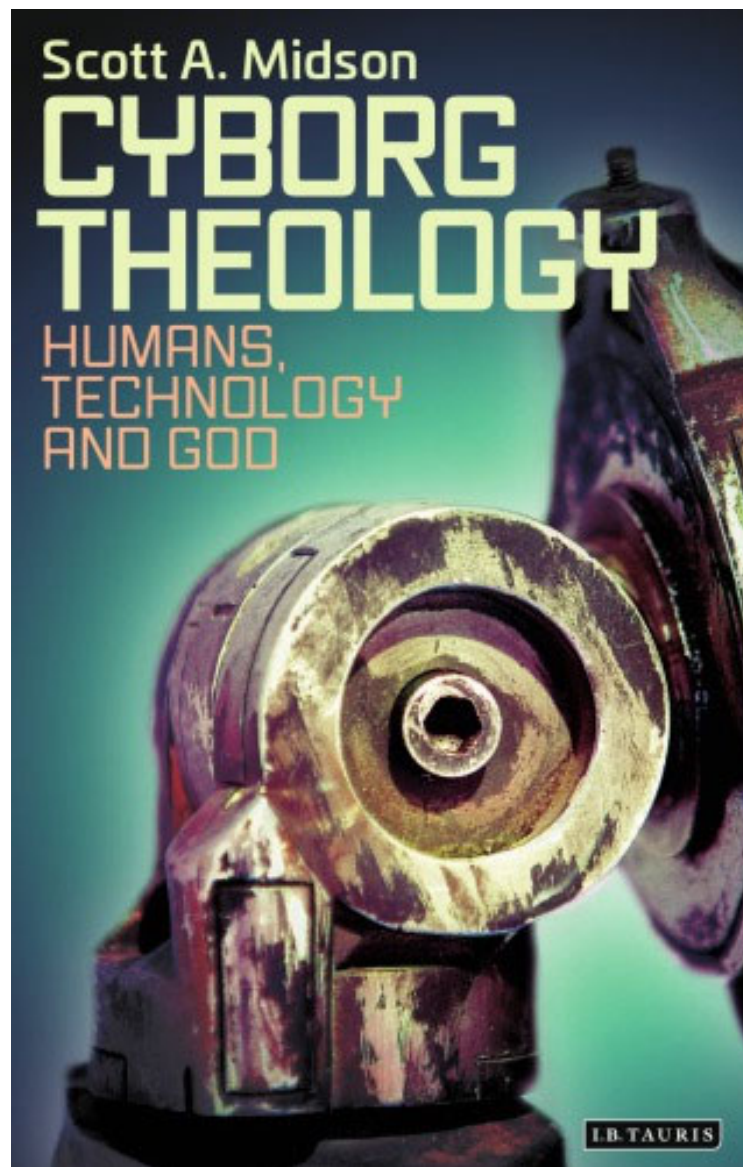
کتاب مرجع



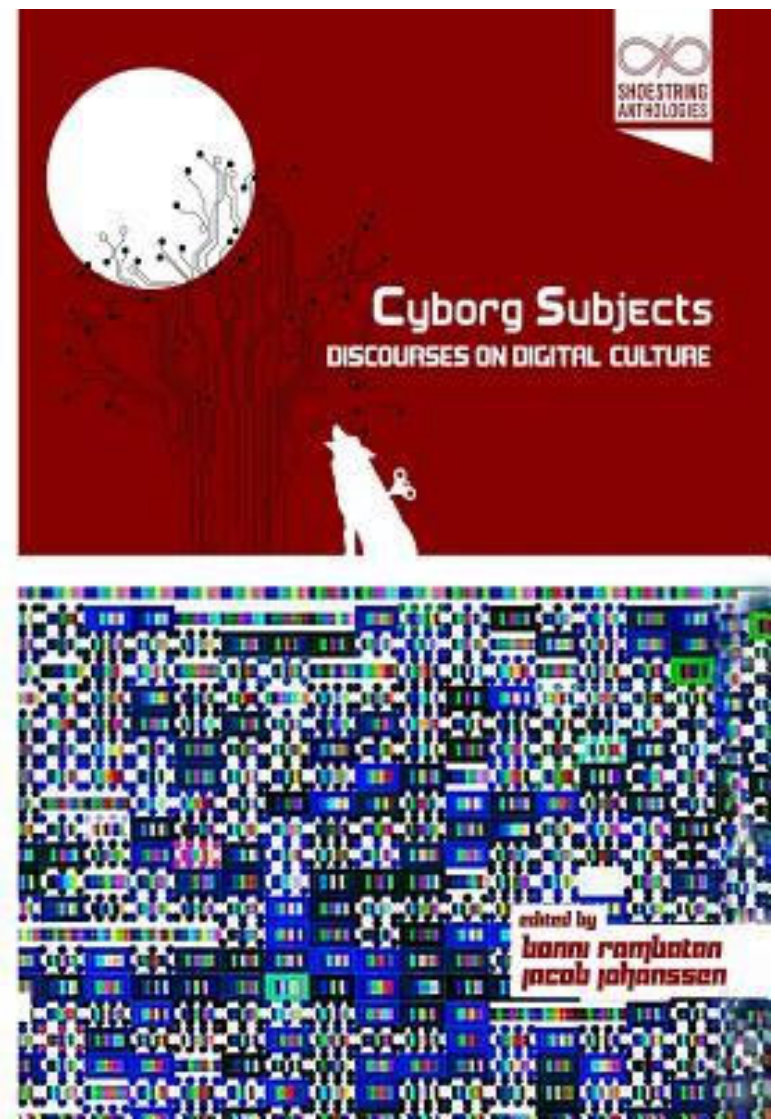
کتاب مرجع



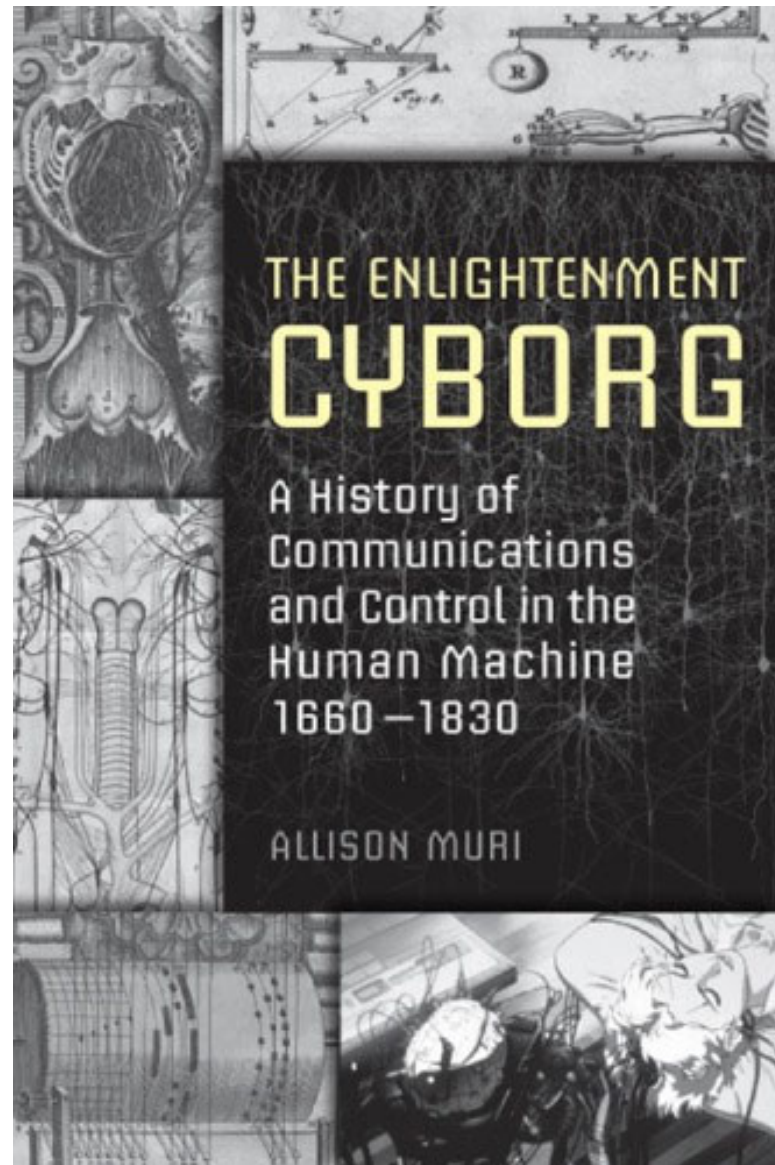
کتاب مرجع



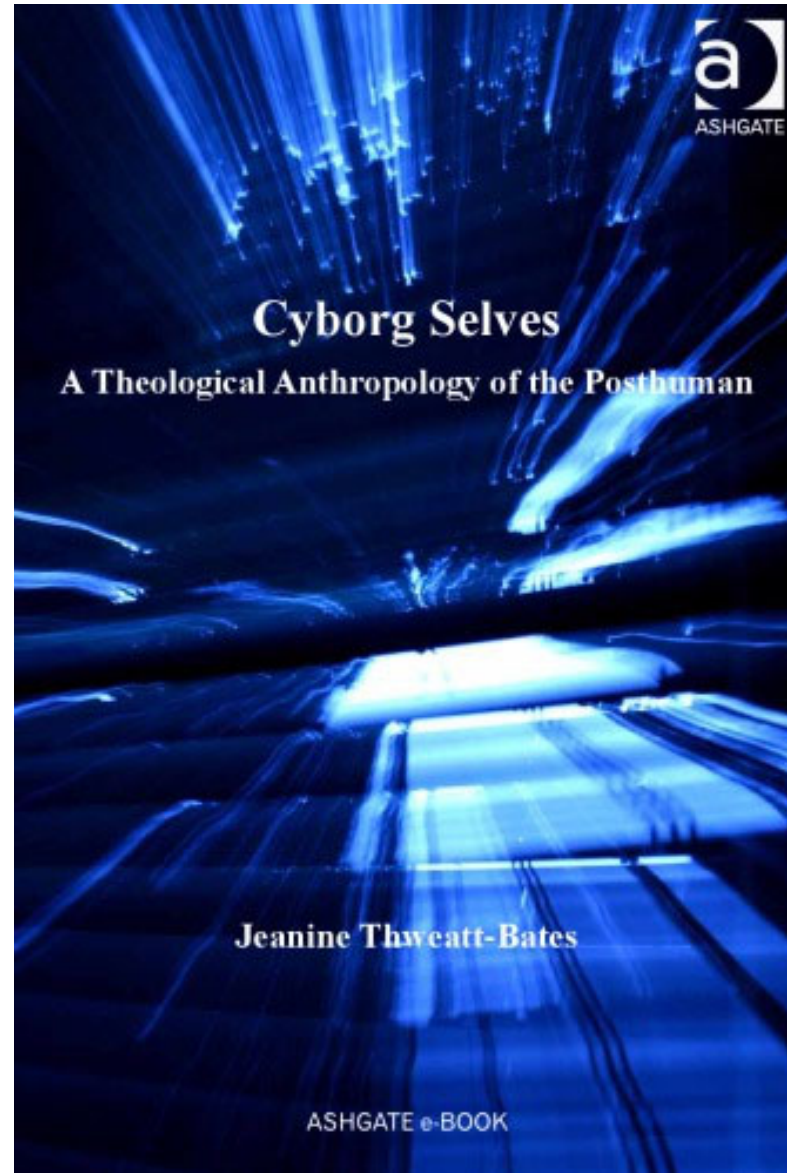
کتاب مرجع



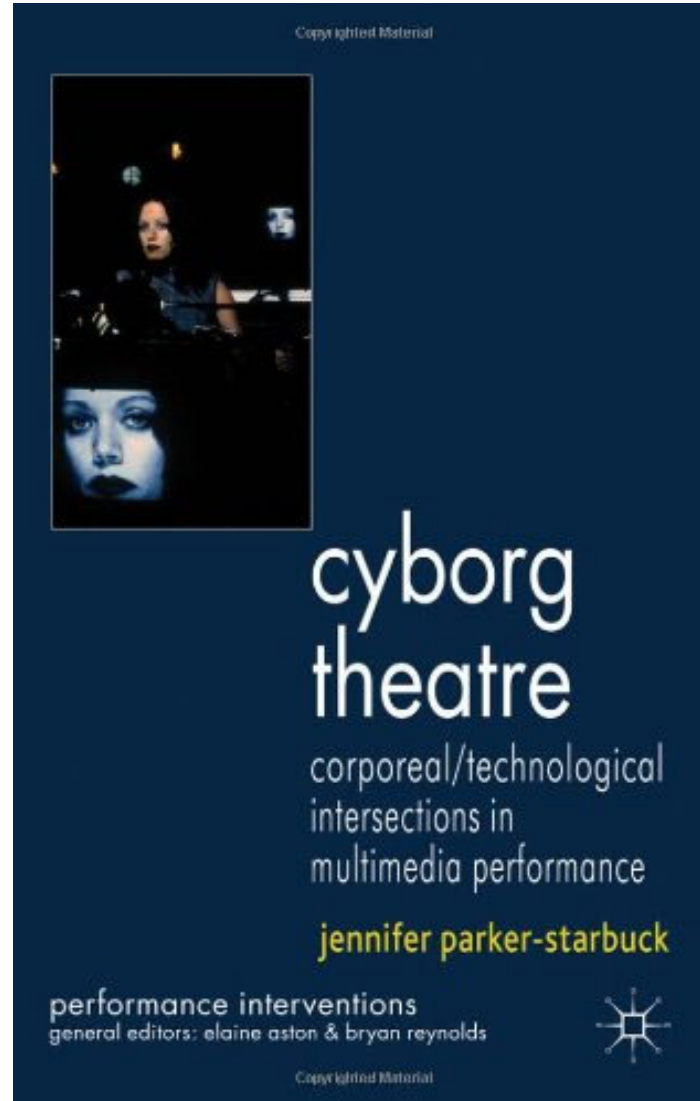
کتاب مرجع



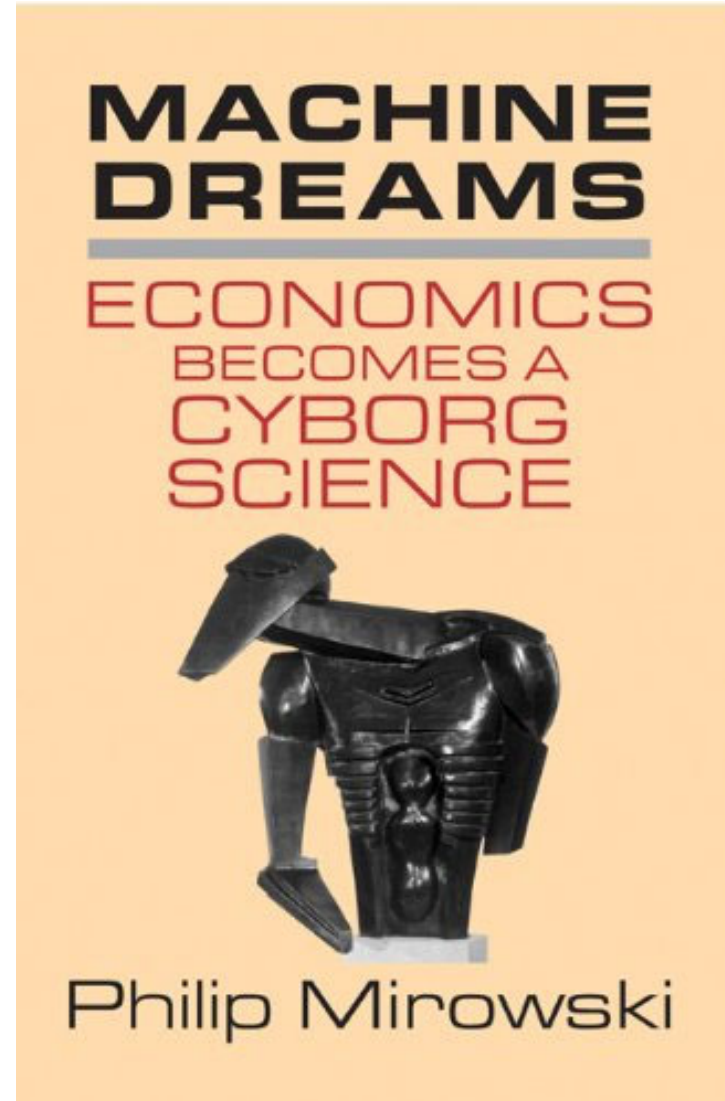
کتاب مرجع



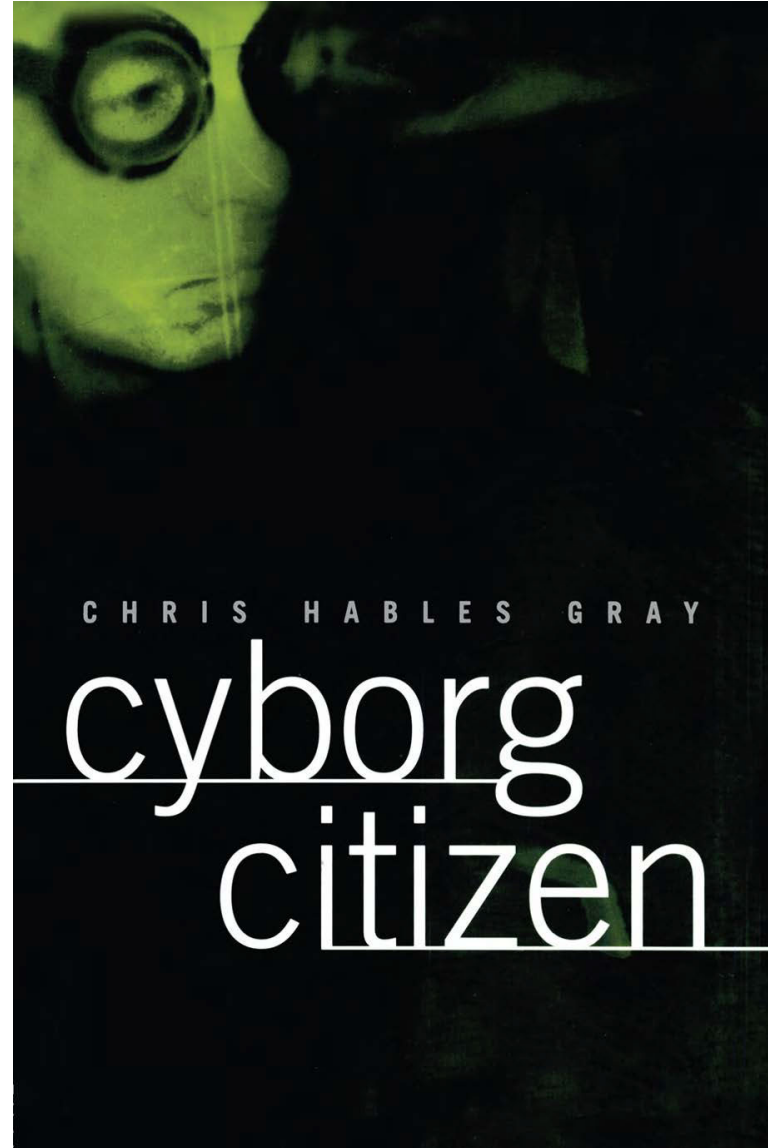
کتاب مرجع



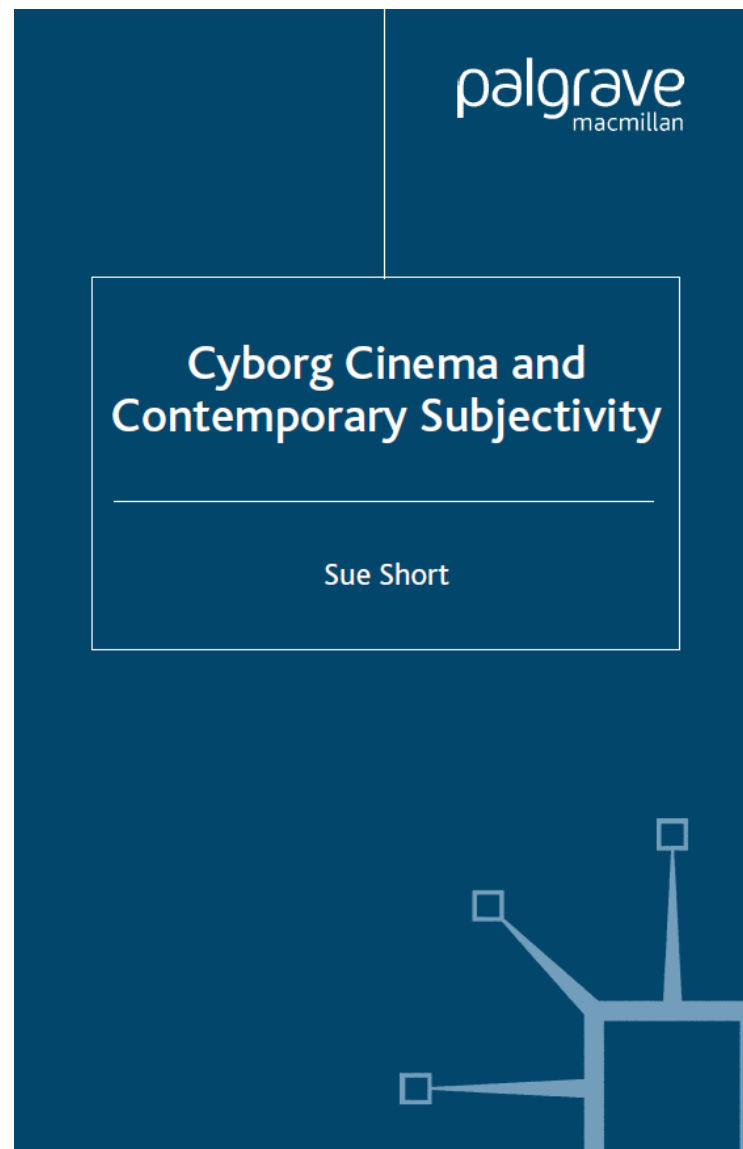
کتاب مرجع



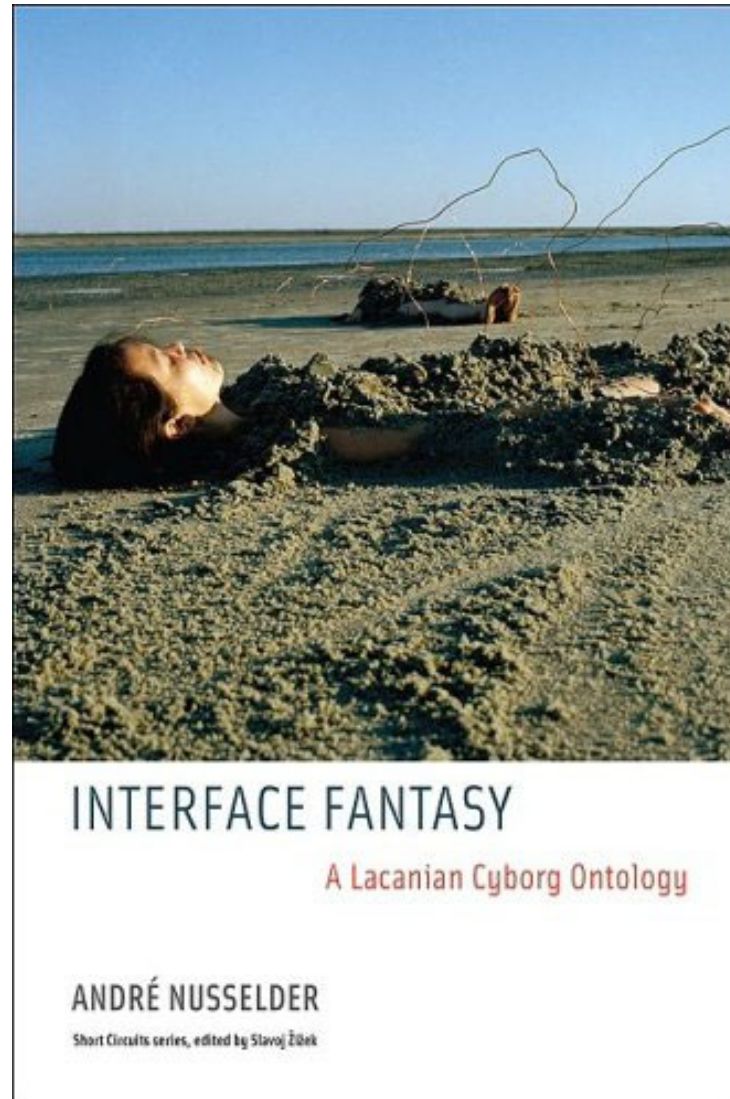
کتاب مرجع



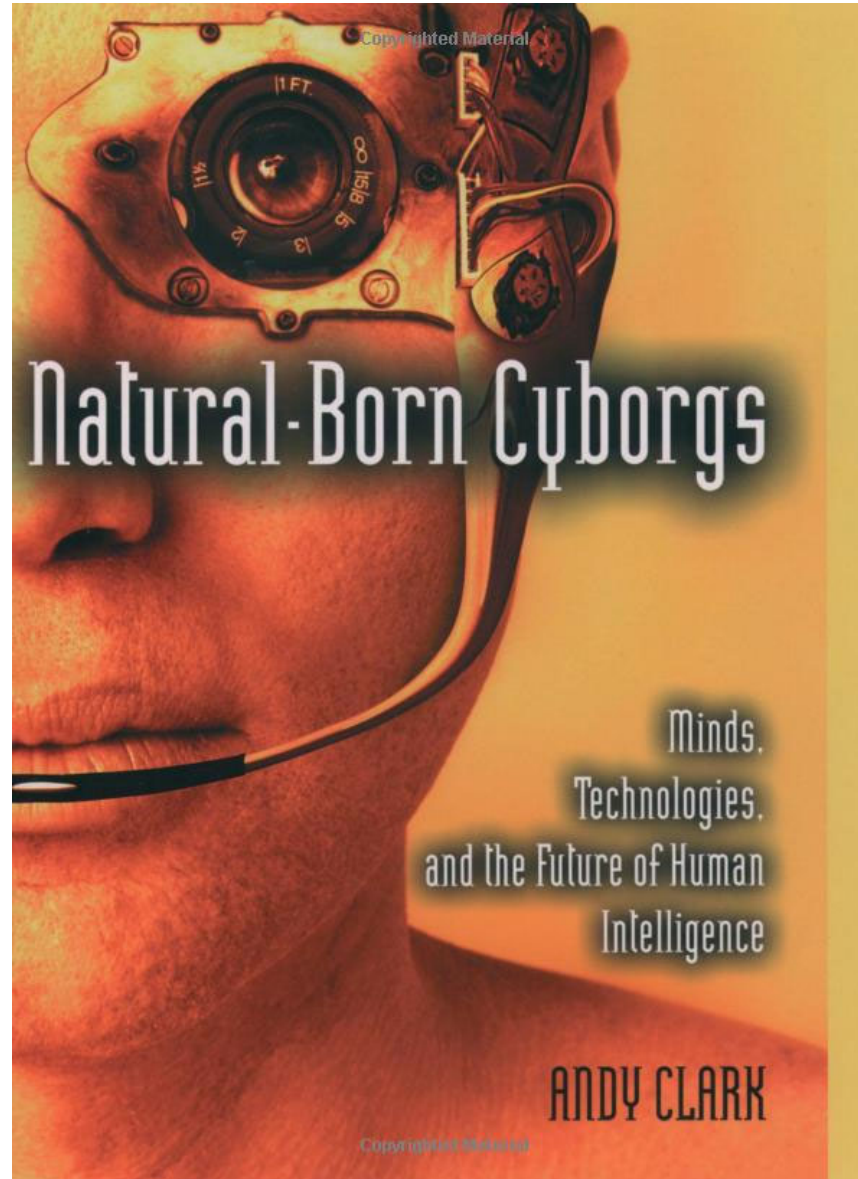
کتاب مرجع



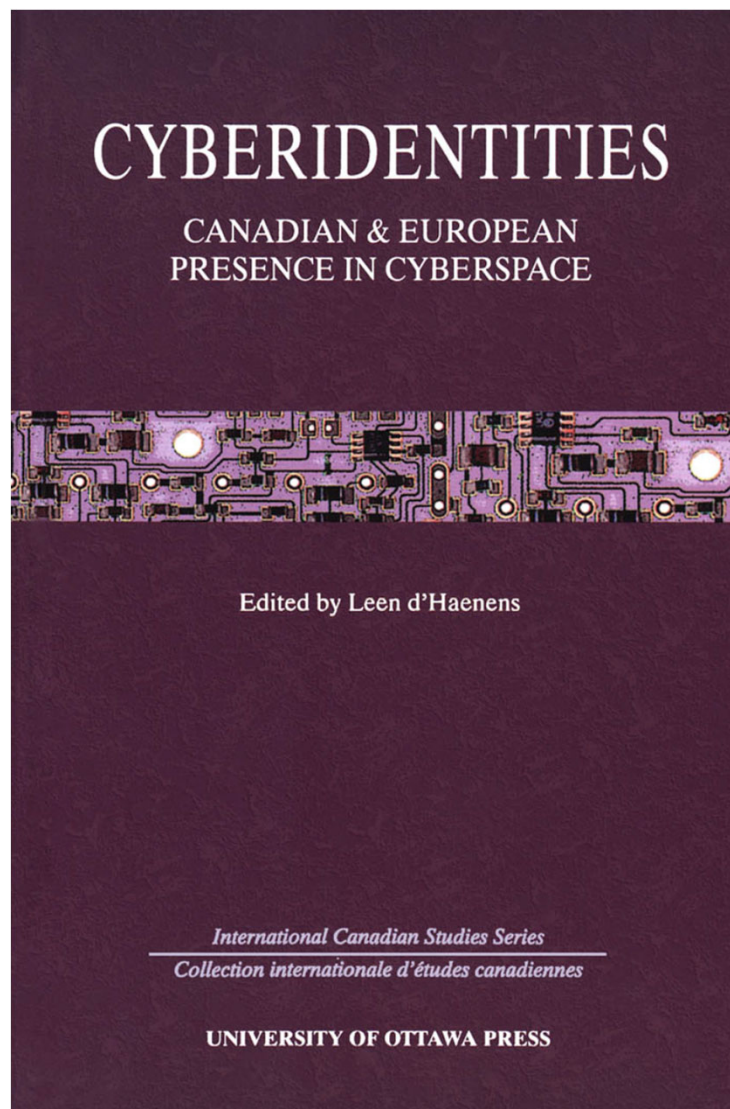
کتاب مرجع



کتاب مرجع



کتاب مرجع



کتاب مرجع

'A boldly reactionary book... What looks like feast, Carr argues, may be closer to famine... The internet is a distraction machine.' *Sunday Times*

THE SHALLOWS

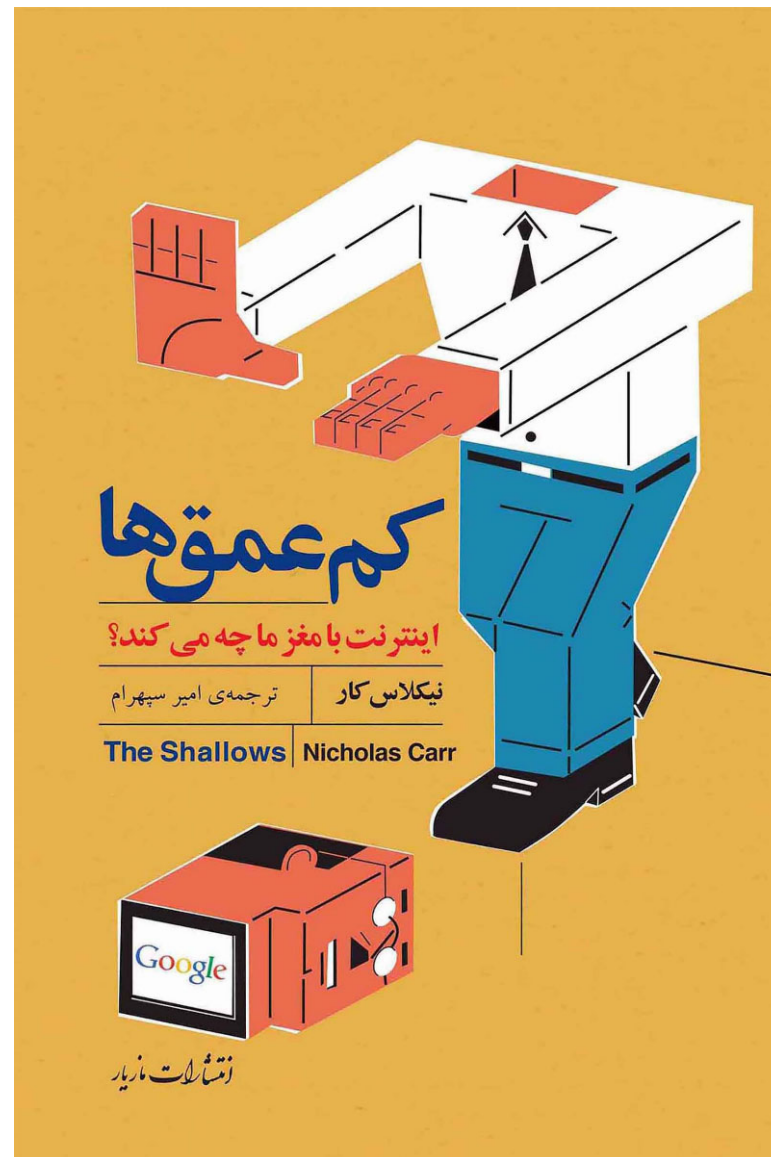
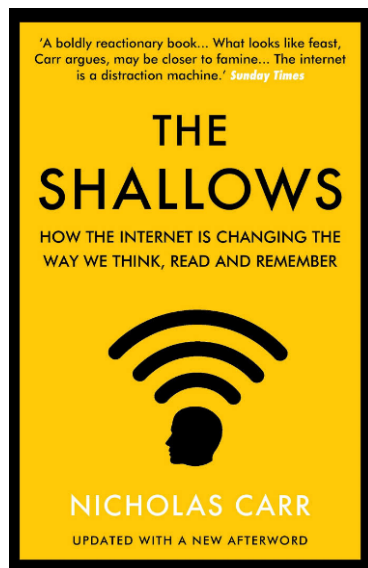
HOW THE INTERNET IS CHANGING THE
WAY WE THINK, READ AND REMEMBER



NICHOLAS CARR

UPDATED WITH A NEW AFTERWORD

کتاب مرجع



کتاب مرجع

