

Programmers' self-consciousness
(almost lost in today programming
languages)

When people write a computer
program they have a process in
mind

Each one of the IA methods only works in some domains

"Physics envy": neuroscientist are
trying to find a unified theory of
thinking

Sometimes they get usefoul results

200000 people are studying to
make machines more intelligent

The softwares lacks commonsens vocabulary

SAINT "Symbloic automatic integrator" -
James Slagle 1961

No language program today can
answer simple questions about a
story in a typical 2st grade book

Understanding means having more then way to deal with

Understanding is the result of a process
to find many ways to think about one
single thing

If you know what a glass is in just
one way then you have a FACT

Invented the "microscopio a scansione"

Minsky

Right side is like a child

Left side is like an animal

Angels & devils, good and bad

The mind has two hearts: left and right
part of the brain

What are emotions?

Cognition VS intuition

Feeling VS thinking

Science and religion are at the opposite
sicne religion is based on faith

The scientist is always challenging the
existing theories

Science is different from other
activities since in science you start
from a theory and then try to find
prooves for it

nell'estate del '56 si uso' per la prima
volta il termine robotica

E' piu' economico imitare la natura
piuttosto che replicarla fedelmente (es.
l'aereo NON sbatte le ali)

Per fare l'intelligenza artificiale ci vuole
TANTISSIMA intelligenza naturale

Intelligenza artificiale: l'inea di pensiero teorica

L'elemento meccanico fa da freno alla
miniaturizzazione (es. il telefonino non
puo' diventare piu' piccolo a causa dei
tasti)

Introduzione