

Jose M. R. Delgado, Physical Control of the Mind.

Dover Publications, ed. R. K. Rand & Angus.

145. Human beings are born without a mind
47. So Jesus operatozic memory
149. Infants eyes will follow a small point of light after weeks.
149. neonate non cortical
51. Chimpanzee vision after light deprivation
52. ^{in vitro} sensory input = not increased height of cerebral cortex.
53. If human could grow up for several years after complete sensory deprivation, would be as ideal, memories, understanding
155. First 18 ms. decisive & Piaget.
52. Imprinting - Lorenz
156. Harlow 3-6 ms. critical changes irreversible.
59. normal functioning depends entirely on stream of information coming from without
152. Deprivation experiment
68. Purposeful dissection of neurons
117. What is new in Man
119. Cerebral interpretation of sensory signals
122. Major functions built in ventral controls
- 122/3. Brain and violence.
123. neurophys. and environmental factors to be studied
125. I am as true age-as-reaction. stimulation of different areas
132. Apparently, brain stimulation introduced an emotional bias which altered interpretation of the surroundings.
133. Personality "not" in the environment but in the nervous tissue. i.e.,
134. Destruction of discrete parts of thalamus produces relief from early or obsessional neurosis: stimulation seldom produces any. but direct neuro etc.

Delgado

135 role of thalamus in the integration of fear.

136 fear as result of ESB of temporal lobe.

137/9 stimulation of right amygdala produced rage
cf. Heek, stimulation of hippocampus

140. phys. & psych. structure assumed pleasure = pain reduction
please condensed subjective name for pain reduction.

140/1 Recent: pleasure & pain to different cerebral areas.
animal prefer pleasure stimulation to food
highest rate posterior hypothalamus ...

142 in rat 60% of brain is neutral

35% - - - rewarding (pleasure)

5% - - - punishing (pain)

7 note reward - punishment = pleasure - pain;

suggest figures suggest that pleasure normal

frequency of pain: more pathological.

143 23 schizophren. stimulation of septal region enhancement
of alertness sometimes accompanied by increase in
vocal output, euphoria & pleasure: Heek.

143 sexual excitement by sept. stimulation

143/4 oke: relaxed, ease, feeling of well being - - - good mood,
enjoyed themselves, frequently smiling.

depressed patient → happy mood after longer stimulation

148/9 stimulation of frontal lobes may induce friendly manifestations.

150/1 stim. of frontal lobe can produce hallucinations
ESB can bring back emotions felt at the time
reference to Psa.

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191/2 How thought control remote ??

222. The right to enforce brain treatment?

23 4 Brain not able to produce absolute (!) thoughts, there is psychological relativity, not parallel to physical ones, our task not to discover 'true' personalities. . . . regarding immutability / values !!

260 Hate and destruction are not functional properties of the brain but elements introduced through sensory ^{input} and put into the neural neuronal reactivity. They originate not within the person but in the environment."

262 human happiness = relative value and depends as much on mental interpretation as on environmental reality.

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