| | Lecture |
|---|--|
| | Non invasive monitoring of the humanbody |
| | Stability 4 feedback |
| • | Negative feedback : input 1 → output 1 |
| | Tino/pleads to Vinº/p (-ve teedback) |
| | so now input & and output & |
| | Leads to stability (prevents 0/p from shooting upuncontrolled |
| | eg. Holding breath, cycling balance, pancieus-glucose, Body lemp regulation. |
| | Food chain, Homeostasis in cells to maintain conc. Bions. |
| • | Positive feedback : input 1 -> output 1 |
| | Tin o/p leads to Summer Tini/p (+ we feedback) |
| | so now i/pI more and output I more |
| 4 | Leads to instability (0/p shoot upuncontrolled) |
| | es. Cutine employee investment due to Binancial pressure |
| | eg. Cutting employee investment due to Binancial pressure (oscillator) Action potentials (hodgkin cycle), Heart impulses - scoitching blue 2stablepts |
| • | Cell snuchures, in Circulatory system. |
| | Control system for feedback |
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| | Lange of the Samuel Later and the Company of the Co |
| | Biomedical Instrumentation and measurement |
| • | CALL CONTRACT |
| | Anatomical Info Capout body parts) => physical inspection, xray, me! |
| • | Physiological Info (pacameter/value) => ESY, SCG, Ultrasound, NIRS (pextusion MR) |
| • | Non Invasive: No skin break + no contact with intend cavity. |

Date: