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**Prof. Miller Outlines Aims Of Engineering Education**

Engineering teachers should concentrate more on training students how to think and solve problems, and less on imparting their knowledge, according to Prof. Rose Miller, professor of aeronautics.

Prof. Miller, in a paper before the Institute of Aerospace Scientists in New York City, said that the primary goal of engineering education is not knowledge, as such, but the training of students to pursue knowledge on their own. "This training can only be accomplished by the student himself and involves his ability to handle pain the and intensive mental exercise solving difficult problems and discovering, by his own effort complete and analytical solutions."

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**Filtration Of Inputs Studied**

It must be able to filter incoming signals so to sense only the edge, be-cause of tension in the skin. Yet we perceive only the one sharp edge. Prof. Wall has found a possible explanation for this phenomenon.

**Sharp, Focused Pattern**

When a nerve makes contact with another nerve (a synapse), which happens at the synaptic columns for many tactile nerves, its message, or electrical impulse, is not necessarily transmitted whole or unchanged. What happens is that each nerve is "filtered" by its neighbors what sort of message it carries. If it carries a barrage of impulses smaller than those of its neighbors, it is consid-ered not to transmit it. Therefore, while a broad and furry outline of a sensation is actually received by the tactile neurons, it is con-verted down to a sharp, focused pattern in the spinal column and at later synapses.

Prof. Wall reported that his group had found many of very small cells surrounding the synaptic region. These probably do the filtering. None of these experiments have been published in the professional journals yet.

Prof. Wall, who was born in England, received his education at Oxford and went on to take a medical degree. Before coming to MIT he worked at Yale and the University of Chicago. He moved here at the invitation of Prof. Jerome Wener, who had been instrumental in establishing MIT as a center for neurological studies.

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**First Baseball Meeting**

Varsity and freshmen baseball will commence with a meeting for pitchers and catchers Monday, February 18, at 3 to 5 p.m. in the Durlarver Conference Room.

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