Effort in the coed tug-of-war. Their strength, however, was not as strong as their determination, as the Class of '70 coeds pulled them across the line and through the mud.

Potential of computers

The discussion began with an analysis of the potential of computers. Dr. McCulloch mentioned that computers had already demonstrated supremacy in many of these processes which are essentially human (comprehension of abstractions), but that they were lacking those neural processes which we share with other animals, e.g., perception. Dr. McCulloch related this difficulty in perception by machines to one of his current projects, an automaton able to recognize life on other planets. He emphasized the necessity of understanding the biological systems that work would be in terms of a bi-nervous scanning system coupled to a computer.

Later the discussion moved to education, and Dr. McCulloch presented his ideas for educational systems to be inadequate and misdirected. He stressed the tendency to give students problems for which answers are already known and de-rived a variety of educational conventions, including physical environment, which constricted and bore the gifted student. Inspired by experiments in which physical mobility was shown to be necessary for learning, Dr. McCulloch helped instigate some classroom changes in which better lighting and increased freedom of movement increased by 40 per cent the learning rate of school arithmetic students.

Need for mathematics

One of the major topics discussed concerned complexity in nature and systems and the need for better mathematics to analyze them. Dr. McCulloch noted evidence of multiplexing of information in single nerve fibers as an example of biological complexity and stressed the intricacy of neural nets. The analysis of such complexities, he said, would require mathematics considerably more powerful than that now available, particularly a logic and calculus of three-pronged relations, which Dr. McCulloch indicated he is working on presently.

Dr. McCulloch emphasized that a mathematical system capable of analyzing large numbers of three-pronged connections could revolutionize biology, reach as far as life on other planets; he emphasized the things, and indicated that future work would be in terms of a bi-nervous scanning system coupled to a computer.

Approximately 80 people attended Thursday's noontime Encounter with Dr. Warren S. McCulloch. The noted psychologist and mathematician answered questions for over two hours during the discussion period sponsored by the Student Center Committee.

Israel to make study of 3 billion dollar plan for second Suez Canal

Encouraged by the results of research at MIT, the Israeli Government has begun a study to determine the feasibility of a $3,000,000,000 plan for Israel to outflank the United Arab Republic by building a second Suez Canal.

Passed by Meir Bats

This plan, the work of Meir Bats, a Russian-born engineer of Beerchasha, who migrated to Palestine as a boy, constitutes three years of planning and the work of committees.

The canal would be 180 miles long, nearly twice the length of Suez. It would start at Agiba on the Mediterranean, then pierce the Sinai Desert about 40 miles from the Suez Boker, and then emerge in the Jordan depression. The proposed canal must be about 600 feet wide and 100 feet deep to leave room for just one ship. Having con-structed anything of these dimensions before, Israeli engineers are doubtful whether the tunnel could carry the strain of the rock above.

Tunnel proposed

Another less serious objection is that salt water seepage from the canal might poison land rec-ommend projects in the Negev Desert.

Salt water seepage

Another less serious objection is that salt water seepage from the canal might poison land rec-ommend projects in the Negev Desert.

The need for a second canal (Please turn to Page 7)

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