

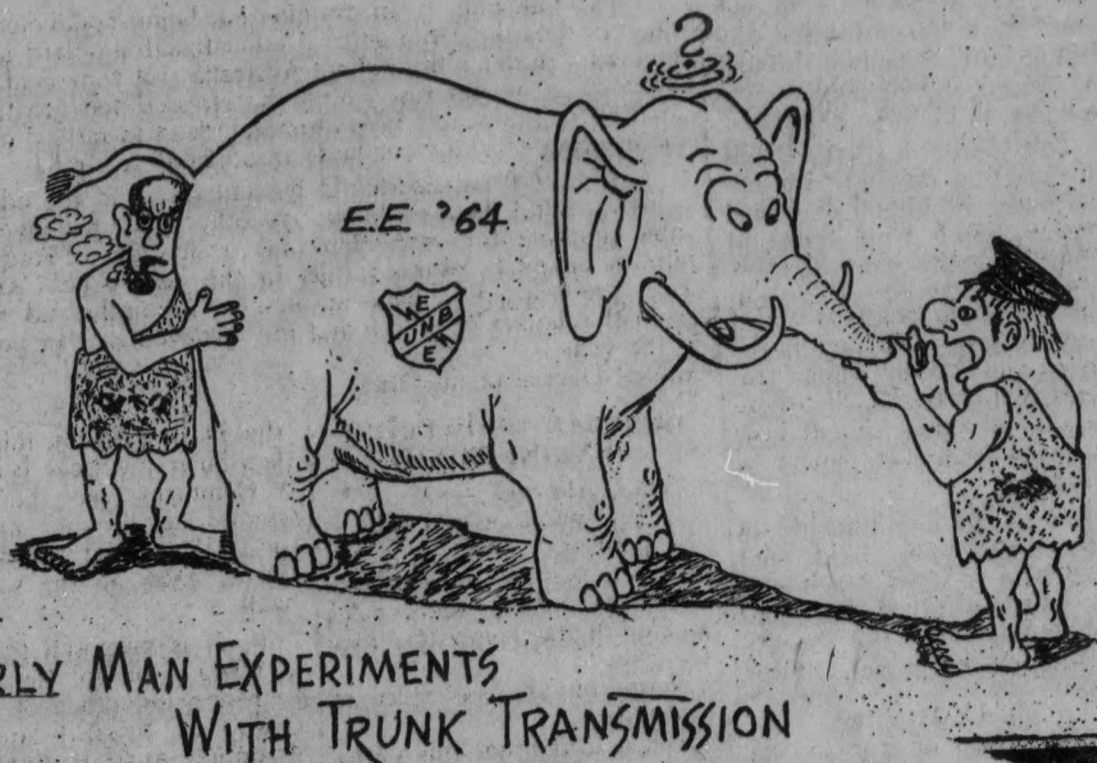
Engineering Brunswickan

Engineers of Yesteryear

Though art students tend to think of engineers as a new upstart tribe in our world of today, Engineering is really as old as civilisation itself. In ancient times little civilised groups sprang up around the great rivers — the Tigris-Euphrates, the Hwang-Ho, the Nile — and the congregation of such a great crowd of people immediately posed problems to the engineer.

First there was the task of serving the purely physical needs of man. One had to irrigate large stretches of land, to keep great water-courses in their beds, learn how to make canals and regulate rivers. Growing towns had to be supplied with fresh water, and their sewage disposed of. Trade developed and called for efficient ships and safe and spacious harbours. Palaces and temples had to be built for temporal and spiritual rulers.

War too required the effort of the engineer to provide effective weapons, and these weapons soon grew to become powerful machines. So it seems likely that without Engineering civilisation would have been strangled at birth.



EARLY MAN EXPERIMENTS
WITH TRUNK TRANSMISSION

The earliest known engineer (also a renowned physician) was Imhotep (c. 3,000 B.C.) who designed the first pyramid of stone, at Sakkarah, for King Zoser of the III Egyptian dynasty.

More than a thousand years later, we hear of the engineer, Enene, who was still living at the time of Queen Hatshep-

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University To Honour Visiting Doukhobours

The freedomite sect of the Doukhobour religion will be the honoured guests of the University tomorrow at a ceremony to be held on the front campus, which lies directly on the route of the Freedomite's protest march from Nanimo,

B.C. to Liverpool, England.

The heroic marchers left Nanimo in 1958 to march all the way to England to present their case to Sam Smith of Liverpool. Their transit of the front campus is the one-third-way mark on their journey. Since they began, seventeen children have been born to the thirteen women in the group, with the eighteenth expected very soon, maybe even on our campus.

The group is so honoured at the reception promised them that they have promised to stage their famous, colourful undressing ceremony for the students and staff. Any undergraduates of the university are invited to participate, with rehearsals scheduled for 8:00 p.m. at the Windsor tonight.

The whole world is anxiously awaiting the year 1964 when I graduate (?) and when the sect enters on the final and most difficult portion of their trip, the walk from Halifax to Liverpool. Will they be able to walk on the water, and if they can will they be able to maintain the terrific concentration required to keep it up for three years (having children all the while).

If the Doukhobours do manage this, and do present their case to Sam Smith, then our University will be proud to have had some small part in their gargantuan task. Good luck, Doukhobours!

VALUABLE FACTORS

(1) Bougère Factor
the number you multiply your integrals by to get the correct answer.

(2) Cooks Variable Constant Factor
The number you add to your answer to get the correct answer.

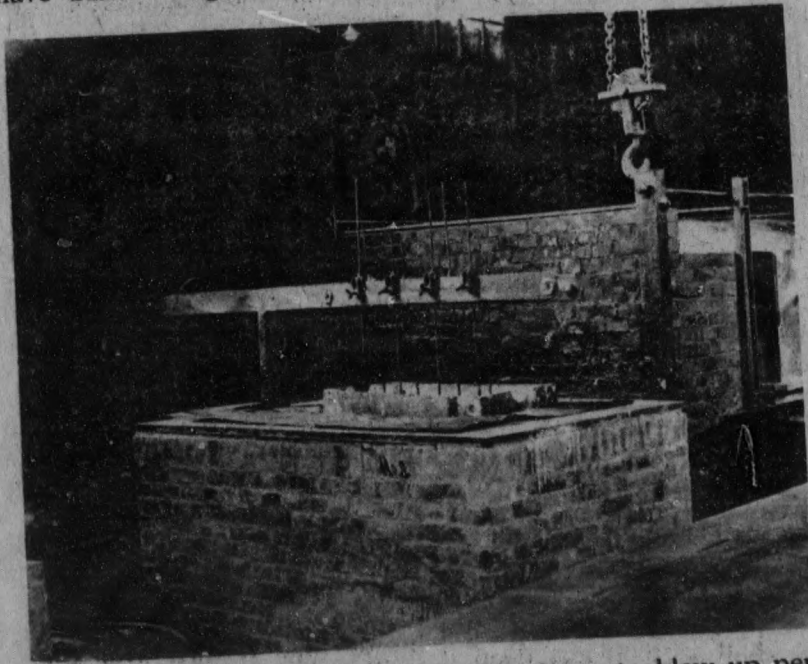
(3) Noby's Constant Variable Factor
the difference between your answer and the answer in the back of the book.

(4) Prejudice Factor
the number you add to your mark to get the mark you would have gotten had you marked your own paper.

Cam-Shafts . . . Mech III Touch Football team lost their first game to a lowly Arts team (all they have to do is practice football). Their second game was fortunately rained out.

Censor's Note:

This edition is two days late and different . . .



The Mechanical Engineering Department today unveiled its latest purchase, a supercritical swimming pool reactor. This unit placed on sale by the Government Surplus Liquidation Board was obtained for a mere pittance by virtue of U.N.B.'s bid being the only offer received for the unit — \$10.00. Its installed capacity will exceed $4.0072\frac{1}{2} \times 10^{20} + 6$ foot-centipedes, providing the U. S. Government will release the necessary $\frac{1}{2}$ oz. of diluted U-235 required.

The unit is characterized by

its tendency to blow up periodically, but in view of the administration's plans to build a new Engineering Building in the near future (next 20 years or so), it is expected that this feature will not prove to be a serious draw-back.

Present plans call for locating the reactor in the present Men's Washroom. However, due to the open nature of the reactor tank the washroom will continue to function in its traditional role — yet another example of sound Engineering planning!

The Engineer A Parable

One day three men, a Lawyer, a Doctor and an Engineer, appeared before St. Peter as he stood guarding the Pearly Gates.

The first man to step forward was the Lawyer. With confidence and assurance he proceeded to deliver an eloquent address which left St. Peter dazed and bewildered. Before the venerable Saint could recover, the Lawyer quickly handed him a writ of mandamus, pushed him aside and strode through the open Portals.

Next came the Doctor. With impressive, dignified bearing, he introduced himself: "I am Dr. Brown." St. Peter received him cordially. "I feel I know you, Dr. Brown. Many who preceded you said you sent them here. Welcome to our City!"

The Engineer, modest and diffident, had been standing in the background. He now stepped forward. "I am looking for a job," he said. St. Peter wearily shook his head. "I am sorry," he replied; "we have no work here for you. If you want a job you can go to Hell." This response sounded familiar to the Engineer, and made him feel more at home. "Very well," he said; "I have had Hell all my life and I guess I can stand it better than the others." St. Peter was puzzled. "Look here, young man, what are you?" "I am an Engineer," was the reply. "Oh, yes," said St. Peter; "Do you belong to the Locomotive Brotherhood?"

"No, I am sorry," the Engineer responded apologetically; "I am a different kind of Engineer." "I do not understand," said St. Peter. "What on Earth do you do?" The Engineer recalled a definition and calmly replied: "I apply mathematical principles to the control of natural forces." This sounded meaningless to St. Peter and his temper got the better of him. "Young man, you can go to Hell with your mathematical principles and try your hand on some of the natural forces there!" "That suits me," responded the Engineer: "I am always glad to go where there is a tough job to tackle." Whereupon he departed for the Nether Regions.

And it came to pass that strange reports began to reach St. Peter. The Celestial denizens, who had amused themselves in the past by looking down upon the less fortunate

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