One of the most sophisticated and useful concepts that engineers and pure scientists have at their disposal is the fudge factor. This elusive little critic has been leading the way to new scientific developments for years and is likely to be the leader in the years to come. On this nth (give or take an epsilon) Centennial of the fudge factor, we thought it might be fitting to give a little of the history and development of this most important concept.

Once upon a time there was a carriage painter. One day the king got the right color and he was in trouble. Now don't panic. The whole thing can be resolved by the fudge factor. Too. He was trying a small, but varied, list of the fudge factor. Too. He was trying a small, but varied, list of the fudge factor. Too.

Let Y be the correct answer.

Let Y be the correct answer. Let Y be the correct answer obtained by your calculations. The discrepancy index (dA) is given by:

CASE I: If dA = 0, quit you're on!

CASE II: If dA = 0. Y, sir, you're in trouble. Now don't panic. The whole thing can be resolved by careful following of the turning crank:

Correct answer, Y = X + Sin (X) + Cos(X) + (CosX) / (SinX) + (SinX) / (CosX)

We are confident that if you follow this formula you will have no trouble. Now don't panic. The whole thing can be resolved by careful following of the turning crank.

Mr. & Mrs. at Rose

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With the inauguration of the new humanities-music-art-architecture, and Painting, quite a novelty has been introduced to Rose.

The teacher of the course, Dr. Neithamer, in the name of the Chemistry Department. Both have considerable experience and education in their respective fields. Dr. Neithamer, a native of Erie, Pennsylvania, obtained his B.S. in chemistry at the University of California with honors, and his Ph.D. at Indiana University. He has taught at Lebanon Valley College in Pennsylvania, and at East Texas State University.

This is his second year of teaching at Rose. It is in a manner of speaking, a national chemistry activation. Mrs. Neithamer also enjoys sewing. Both also enjoy good theater. Of course, her main interest is in her new son, David. Both parents are quite proud of the new addition to the family, who was born on July 10th.

Lily Plant Visited

Many of the Junior and Senior Chemistry and Chemical Engineering students were entertained by the Eli Lilly plant of Indianapolis through the courtesy of the Eli Lilly affiliates of the American Chemical Society. The tour was as an all day affair on March 8 and included a noon meal provided by Eli Lilly and Company. Both management and production aspects were explained.

Glee Club Elects

The Glee Club have announced new officers for the 1963-64 school year.

Our next issue will appear in April.

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THE ROSE TECH EXPLORER


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NEWSPAPER EDITOR: Edwin Johnson
ADVERTISING MANAGER: Malcolm Lindley
PHOTOGRAPHY: Mike Lubecky and Alan Olsen

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Libary Has Changed

by Vic Steelys

How often do you use the library? Thirteen years ago when Mr. Bennett came here as librarian, there were four books a day, on the average, being circulated. Now, the average has jumped to 56 a day. This increase would continue if the facilities were adequate for the needs of the students.

The 56,000 volumes now in the library fulfill the requirements of the entire undergraduate school, but the shelves can hold 45,000 volumes. Maybe this extra space could be used to relieve the seating problems that hinder more use of the library. At the present time a maximum of ninety persons can be seated at one time.

The minimum requirement for seating in a college library is twenty to thirty percent of the total enrollment. A difference of up to sixty seats shows the overwhelming need of more space.

Plans are in the making for a new building to house a new library and maybe a new gymnasium. These are things to look forward to in the future; but in the mean time, use the library as much as possible.

It’s there for you, you know.

THE WEAK LINK

Alone, and yet not alone, a man, a path upon which to walk, he will who is not quite yet a man, take these shapeless stones of the searches the world about him, and those of himself, to cut earth, heaven, and the world, and those of himself, to cut and hue, giving them form and mysteries within him for a goal, its purposes and goal will be un- covered, its light, the man who builds a roadway upon the path he walks; the road is no stronger than its blocks and its foundation, for as the blocks are of his hands, the covered.

mansion. He must also have his own copy machine and work closely. Such responsibility is not new to him. On an earlier assignment, for instance, he skillfully directed a drafting section of 32 people.

BELL TELEPHONE COMPANIES

SALUTE: CAL CRIMP

Michigan Bell makes few moves in Southfield without consulting Engineer Cal Crimp (B.S.E.E., 1957). Cal makes studies on where to put new central offices, how to expand old ones, what switching equipment to order. To make these decisions, Cal must interpret forecasts of customer growth. He must also know his equipment and operating costs closely. Such responsibility is not new to

R. D. DING, DING

MIAMI, Fla. (AP) - A trio of Miami students has devised a machine that measures the smooth- est power generated by two people kissing. It's called the kissometer. Its creators, including a bounty of 18-year-old brunette, are having a lot of fun with trial runs.

"It all depends on the sparkle inside you," said Tatiana Priutulch, the only female in her electrical engineering class. "If you feel all tingling inside, your kiss will show it." John Woods, 21, Chillicothe, Ohio, takes a more pedestrian view. "The kissometer is purely dependent on the resistance of the kiss. If it is high, the kiss is good. If it is low, the kiss is bad."

The boys in the vector analysis class were touring the school before the perfor- mance on Wednesday. In the mid-
**Pledges Hold Tourney**

*by Jerry Zinngrabe*

Lambda Chi Alpha played Alpha Tau Omega in the first game of the Pledge Tourney, Lambda Chi simply outpowering the ATO, 59—7, with its aggressive game. The final score of the Lambda Chi and Dennis Lind were high men for Lambda Chi Alpha with 15 and 9 points respectively. Tim Lake played a fine game for Alpha Tau Omega netting 19 points.

Sigma Nu and Theta Xi were well matched in the second game. Only two points separated the teams as they entered the fourth quarter. Sigma Nu outscored Theta Xi in this crucial quarter to take the game 42-35. Joe Tyman and Scott Kivlehan had 15 and 11 points for the losers. Don Lundgren contributed 17 points to the Sigma Nu effort. Pat Dowdy and Bill Bess had 11 and 10 points respectively for the winners.

The winners of the two previous games, Sigma Nu and Lambda Chi Alpha, were pitted against each other in the championship game. Lambda Chi Alpha jumped to a quick lead which it held throughout the game. Lambda Chi Alpha led at half 27-17. Going into the fourth quarter Lambda Chi Alpha had a 16 point lead. Sigma Nu recovered to within 6 points at one time, but never overcame the Lambda Chi Alpha lead. The final score was 43-35.

Pat Dowdy proved his dependability by scoring 11 points for Sigma Nu. Bill Lewis and Dennis Lind played tremendous games for Lambda Chi Alpha. They scored 28 of their teams points, Lind with 15 and Lewis with 13. Congratulations to the winners.

**Rifles in Competition**

*by Bob Clark*

The Rifles Rifles traveled to the University of Illinois on Friday, March 8, to participate in the Fifty-Fifth Annual Invitational Drill Meet held there. It was the largest intercollegiate drill meet ever held with over 500 teams from 150 different universities and colleges. The competition was rugged and fierce. Only 15 of the 44 teams competing managed to complete the final 90th of 14 teams competing in the Class B Exhibition Category.

Besides the team competition, there were five members (Bob Rahut, Steve Chilworth, Chester Chilowitz, Jay Sandberg, and Wil Otgro) enter the individual drill competition. Competing with about 5000 competitors from all over the United States, the Rifles finished in the top 30% and Wil Otgro in about the top 15% and Wil Otgro in about the top 30%.

On Saturday, after the team competition Friday evening, the individual proved itself to be a true test of the individual’s skills. These full day’s activities included which individual competition, a banquet, and the awards ceremony that night.

Those cadets representing the Rifles were Charles Vagar (Commander), Robert Halutz, Jeff Barlow, Richard Bonelli, Steve Chilworth, Chester Chilowitz, Jay Sandberg, and Wil Otgro. All of these cadets demonstrated their skill and concentration in the individual’s competition.

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