

ANNUAL CONFERENCE SPEAKERS

The Annual Mathematics Conference and Business Meeting of the Mathematics Council was held in Calgary on September 25 and 26. Speakers included *Father John Egsgard, Dr. Louis Cohen, and Howard Larson.*

The reports which follow are brief summaries of Dr. Cohen's and Mr. Larson's talks. The summaries were prepared by W. J. P. Turley of Western Canada High School, Calgary. Tapes of Father Egsgard's and Dr. Cohen's talks are available on request from the editor of the *Newsletter*; or, if reader response is sufficient, the complete talks can be printed in a future issue.

THE FIVE I'S OF INDIVIDUALIZATION - *Dr. Louis S. Cohen*

The current reformation in education insists that the learner should explore ideas on his own. He should discover how to do this in a lab lesson or by individual instruction which could ultimately lead to a lab session.

Above all, individual instruction is the teacher's role, and this is probably the best way to bring about student participation. Task-oriented small group work may also be effective, or teachers must develop some specific pattern for a one-to-one relationship between pupil and teacher so that the learner could have frequent advice from someone who cares about him - to wit, the counseling technique.

It used to be education for all, but now this must be changed to education for each. Mass education must not be depersonalized, and so it should address itself to four sets of problem areas: (1) organizing curriculum, (2) organizing the school, (3) organizing the classroom, and (4) organizing personnel, time, and space.

The five i's are

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| 1. <i>interrogation</i> | (pre-test) |
| 2. <i>interpretation</i> | (diagnosis) |
| 3. <i>instruction</i> | (teaching) |
| 4. <i>independent work</i> | (practice) |
| 5. <i>interrogation</i> | (post-test) |