

Report 2.23.25.

are assigned each a separate laboratory, one for Mechanics, another for Optics, a third for Heat and two for Electricity and Magnetism. Moreover the research accommodation is much larger than we have at McGill. For example they have five mechanics to our three and, in addition, they have a glass blower, which indeed we need badly.

In spite of these draw-backs we can continue to make satisfactory arrangements provided there is no marked increase in the number of students. It should further be noted that the large Physics Building at Toronto is not used by the Faculty of Applied Science who receive their instruction in Physics in another Building. Hence in the much larger building at Toronto they handle much fewer students.

#### HONOUR COURSES.

Now we come to the crux of the whole affair of the Silberstein interview and the reason why he sent his son to Toronto. They have a system at Toronto which we advocate<sup>x</sup> for McGill. Students who pass their matriculation with honours - which must not be confused with our Senior Matriculation - have the privilege at Toronto of entering the Honour School in Mathematics and Physics in their first year. Hence, instead of their having to take six subjects as at McGill in the first year the students concentrate mainly on two subjects, namely Mathematics and Physics. Hence a good student at Toronto gets an additional year's instruction in Mathematics and Physics as compared with a student at McGill. Now it is only possible in exceptional cases to make up this difference by later instruction and the process involves high pressure in the third and fourth years. It will be understood that in the Faculty of Graduate Studies most of the time is spent in thesis and research work as it is assumed that the undergraduate training is completed.

We therefore recommend that serious consideration should be given to the adoption of a plan somewhat similar to that of Toronto whereby the student could give about half his time in his first year to Mathematics and Physics, taking in addition one or two educational courses in English, History or Languages.

Yet it may be added that by the end of the Fourth

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