

Memorandum

Honours in Mathematics Physics and Astronomy.

In view of future developments at McGill in connection with Graduate Research in Physics, Theoretical Physics, and Astronomy, the undersigned wishes to emphasize most strongly the importance of retaining in the undergraduate honour courses in Mathematics and Physics at McGill University a standard not less high than that which prevailed under Professor Harkness from 1903 to 1919.

After the war the large increase in the number of students requiring Elementary Mathematics made the <sup>ma</sup>aintenance of Advanced and Honour lectures throughout four years a serious task for the Mathematics Department in Arts.

Yet in view of the rapidly increasing standards in Honours Mathematics and Physics at other Canadian Universities, (a policy in regard to which the writer took <sup>considerable</sup> part, in some cases advising a curriculum following closely our own, in others recommending his Graduate Students for appointments in these Universities to establish Honours work along these lines to prepare students for graduate work at McGill in Physics and Theoretical Physics) - the proposed changes in what has hitherto been a joint enterprise between the Mathematics Department in Arts and the Physics Department require very careful and detailed consideration.