

INDIANA UNIVERSITY.

MATHEMATICS:

DANIEL KIRKWOOD, Professor Emeritus.

JOSEPH SWAIN, Professor.

RUFUS L. GREEN, Associate Professor.

ROBERT J. ALEY, Assistant.

Bloomington, Indiana.

Nov. 2, 1887.

To the President of Indiana
University;

Dear Sir,

I beg to
present the following report:-

The work in Mathematics
has been very satisfactory
during the present term.

There are in all 119
names enrolled in the
Mathematical classes.

Mr. Aley has three
sections of the Freshman
class in Geometry and
one student in Mechanics.

I have one class in
Geometry of 21 students; one

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in mechanics of 4 students
three times each week, and
the same students twice
each week in Roads and
Rail Roads; + one class in
Conic Sections of 21 students.
This class has three
morning recitations per
week, and $2\frac{1}{2}$ hours
are spent twice each
week in Laboratory work,
when I can give individ-
ual assistance.

One hour is given each
morning to ~~such~~ ~~as~~
can ~~avail~~ ^{the} themselves
~~the~~ individual assistance.
of those who need it; and
can avail themselves of the

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opportunity.

I would mention that the class in Conic Sections, consisting chiefly of Sophomores, is the strongest class in the subject that has been in the University since my connection with it. Eleven of this class are taking the Mathematical Course and two others in it expect to take Mathematics the four years as an elective study.

Two Juniors, graduates of the State Normal, have identified themselves with

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the Mathematical Course,

Mr. Aley is doing excellent work, and has the respect and confidence of his students.

The Math. & Phys. Club is in a flourishing condition.

As the question of chapel exercises has been placed in my hands, I desire to say that the attendance at chapel, on the part of the students, thus far in the term has been excellent.

Some members of the faculty are careful to attend these chapel services.

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Of the two hundred Dollars, appropriated at the last meeting of the Board, for the purpose of building a small house, for our Equatorial Telescope, about \$75.00 has been used for the purpose named. I would recommend that the balance of about \$125.00 be reappropriated to the Mathematical Department, to be used, subject to the approval of the Local Board, for the following purposes:

1. To pay for the refigning of the object glass of

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the Telescope,

2. For Surveying Apparatus

3. More Drawing Tables, and
Geometrical Drawing Instrument

4. a Lantern to be placed
in the Observatory.

Very Respectfully
Joseph Swain
Prof. Math. I. U.

P.S. Professor Branner has
written a letter to President
Jordan asking to have the
use ^{in arcseconds} of a Transit, belonging
to the Indiana University,
as it will be in use
next Spring and a class
is now using it every week.

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*I think we can not
grant his request.
J.V.*

Swann