

THE UNIVERSITY,
GLASGOW.

understood to be seen
as identical.

Yours very truly,

Robert
wishing you a
merry Christmas
and happy new
year -

23/85

December 19. 1893.

Dear Fitzgerald.

I have been in a
writin' ever since your letter
came to me some time in
November and am only
just getting out of it now
so I should have written
to you sooner in reply.

23/85

I take zinc and copper,
or two ~~two~~ other metallic
or metalloid conductors
merely to constitute an element
in a practical model for
piezo- and thermo-electricity.
The constant quantity idea
you may see in my first
Phil. Mag. (Oct.) paper on
crystals. But there the

constancy of quantity is
only approximate and is
due to smallness of induc-
tive disturbance. I have
no doubt but that
'element affinity' and
electric force between atoms
are two expressions for
the same thing, neither of
them understood by us
at present, but when