

almost immediately after K_2Cl_2
But even here the results
obtained were not constant
always. Fe Cl_2 was 4 times
distinctly positive .1 to .2 & x.
The fifth slightly negative.

I see here is a conversation
of Royal Society on 6th prox
Can ordinary mortals gain
admission? - I should of
sought over to London next
month, perhaps to Lunch of
Phys Soc at Cambridge on
9th and could so earlier
if advisable. Do you so?

Yours faithfully
J Brown

15/24

Belair,
Windsor Avenue.

Belfast April 25th 1890

My dear Gernse

Larmor had Thomson's
law in his mind but I
dare say it does not apply

The question is then what
kind of manipulation or
mechanisms produces this
considerable effect. It is
apparently not the same
process as in the case of
metal/liquid contact.

To say it is a thermo effect
does not explain much.
Is it properly speaking a
thermo electric process where the
junction generate its own heat?

You mention "Faraday's law of atomic charges" also the "D.P. calculated by Faraday's law from the heat of combⁿ of water etc. etc."

Could you conveniently send me a reference to these especially the former as I was under an impression that F. expressly objected to the idea of "atomic charges"

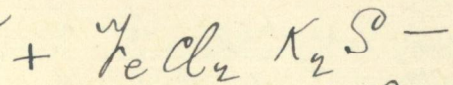
The high + heat of dilution of $CuCl_2$ and $ZnCl_2$ points to an attraction for aerial water in both cases. There would be a difficulty in washing or dried air with water jets.

Mercury jets introduce disturbance by frictional severation of S. against sides of nozzle

There is no doubt of the puzzling difficult nature of the matter

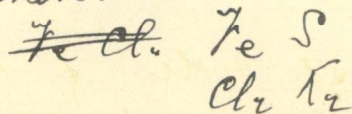
but if anything suggest itself to you as a further line of experiment I hope you will tell me - I am rather at the end of my tether.

I am inclined to think that with two solutions that double decompose the chemical action has an effect e.g. chlorides are usually positive to sulphide or iodide of potash^m as would be expected if the polar chain is formed at all like



The K_2Cl_2 having higher heat of combⁿ may turn the other end out though of course the more probable arrangement is

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the Fe_2S following as you suggested