

✓
Va
103 Irving St.

Sept. 21, 1905

Dear Mr. Peirce: -

In my

letter mailed this morning
I believe that, in one passage,
in rendering my own
definition of non-equiva-
lence, I made a slip in
expression, through haste
in writing, to assert that,

in my system Σ_1 , as
my Principle IV requires
it to be constituted, there
exists a pair (x, y) , such
that $x \neq y$, is to assert,
as my text states, that
there exists at least one
O = collection of elements whereof
one of these elements₁ ^(say x) is a
member, while the other
element₁ ^(say y) cannot be sub-
stituted for x_1 in that _(if x was the one in question)

we differ ^{at all} (except in mode
of expression), as to the
one fundamental matter
of the true nature of what
you now define as dis-

quivalence and equivalence.
Our difference is as to the interpretation
of what I have said in my paper.
I beg you to note

that I have nowhere
said that ~~the~~ "inequality
can result from equality
and nothing else", as

in my system Σ_1 , as
my Principle IV requires
it to be constituted, there
exists a pair (x, y) , such
that $x \neq y$, is to assert,
as my text states, that
there exists at least one
O = collection of elements whereof
one of these elements ₁ ^(say x) is a
member, while the other
element ₁ ^(say y) cannot be sub-
stituted for x_1 in that ₁ ^(if x was the one in question)

you suppose me to say. My posture =
late IV distinctly shows that I had
no such idea, since I there assert a
certain existence of ^{certain defined} γ_A inequalities as ~~the~~ ^{one} ~~one~~
explicit basis of my system. You are attacking ^{me}
then, a position which I have nowhere taken.
What I have said is that my
asymmetries can and do result
from "asserting that certain elements
do while certain do not stand to
one another in a perfectly sym =

collection without rendering the collection
an E -collection.

I believe that I hastily wrote
something like this: "That there exists an
 O -collection into which one element enters
while the other does not". If I thus hastily
expressed myself, I beg you to be sure
that I recognize the difference between the
two modes of expression. Yours Truly
Josiah Royce.