...a relation of reason subsists in virtue of two facts, one only of which would disappear on the
annihilation of either of the relates. Such are all resemblances: for any two objects in nature resemble
each other, and indeed in themselves just as much as any other two; it is only with reference to our
senses and needs that one resemblance counts for more than another.

By logical relations, I mean those in respect to which all pairs [of] objects in the universe are alike; by
hemilogical relations those in respect to which there is in reference to each object in the universe only
one object (perhaps itself) or some definite multitude of objects which are different from others; while
the alogical relations include all other cases. The logical and hemilogical relations belong to the old
class of relations of reason, while relations in re are alogical. But there are a few not unimportant
relations of reason which are likewise alogical. In my paper of 1867, I committed the error of
identifying those relations constituted by non-relative characters with relations of equiparance, that is,
with necessarily mutual relations, and the dynamical relations with relations of disquiparance, or
possibly non-mutual relations. Subsequently, falling out of one error into another, I identified the two
classes respectively with relations of reason and relations in re.

Dual relations, - facts about pairs of subjects, - are of two types, first those which imply no more about
their subjects that that they have certain qualities between which some comparison is made; and
secondly, those which imply more about their subjects than is true of them in their separate
existences, something real and positive which could not be true of one if the other did not exist to
enable it to be true, in other words a real action and reaction between the individuals. This is the old
distinction between real relations and relations of reason. Real relations exhibit the fully developed
type of duality. In this case, it is what happens to the individuals, the actions of them, which pairs
them. Relations of reason imply no other facts than the possession of two qualities severally by two
individuals; and it is primarily the qualities that are paired.
...what is true by virtue of a relation of reason is representative, that is, is of the nature of a sign.