

I will consider three past explanations of the concept of function that have not always been kept properly apart, to wit:

- a) *Euler-Frege functions*, that is free-variable "open" expressions, with substitution as application;
- b) *Riemann-Dedekind mappings (Abbildungen)*, with a primitive notion of application;
- c) *Frege-Hausdorff- Von Neumann graphs*, with a special application function used on graphs and arguments.

Their differences will be made clear and, in particular, the conflation regarding the notions b) and c) unravelled.

From the constructive point of view, their roles as verification objects for, respectively,

- a') open consequences among propositions,
 - b') closed consequences ("sequents") among propositions,
 - c') implication (propositions)
- will be pointed out.