Maxwell's house

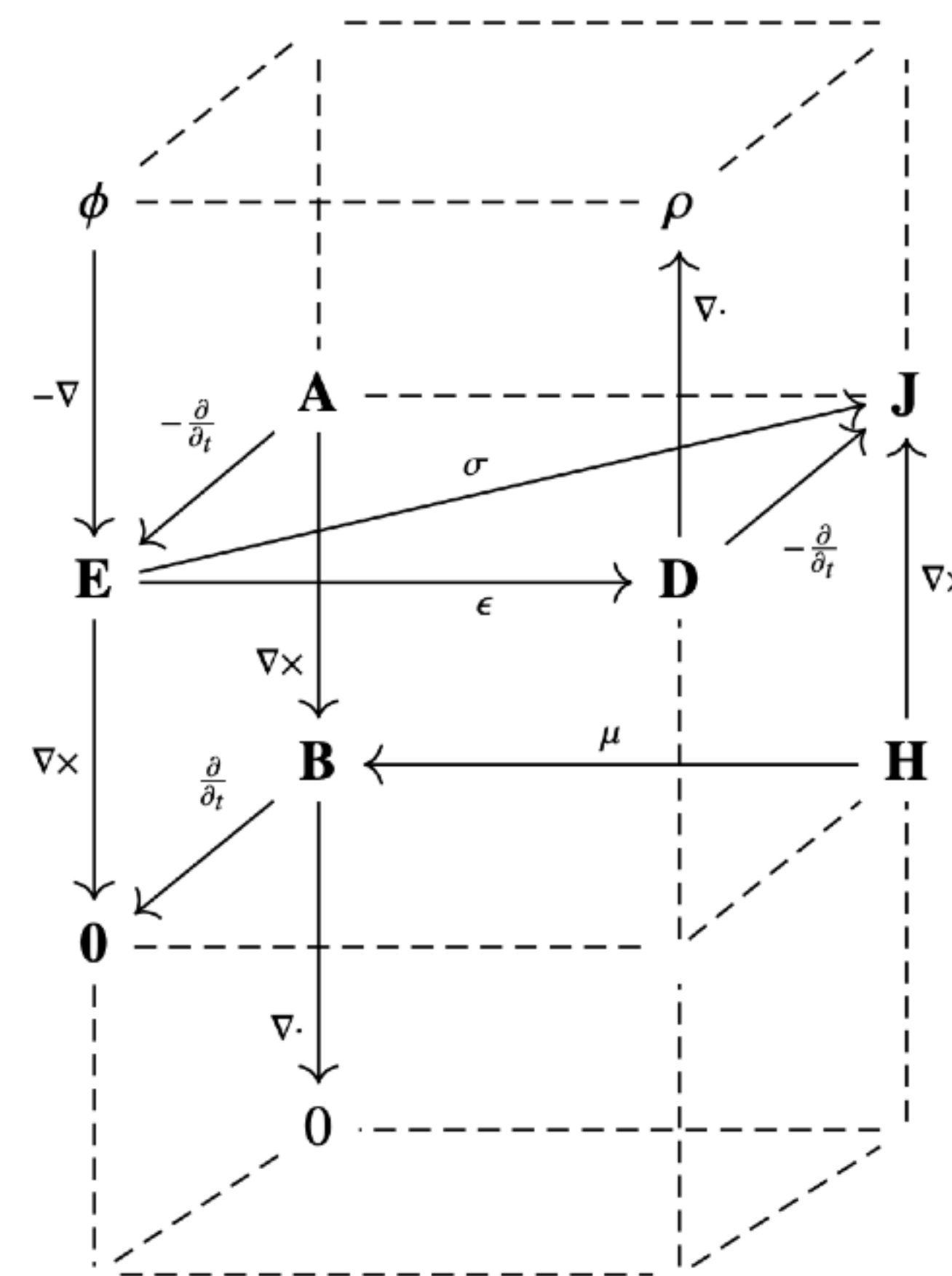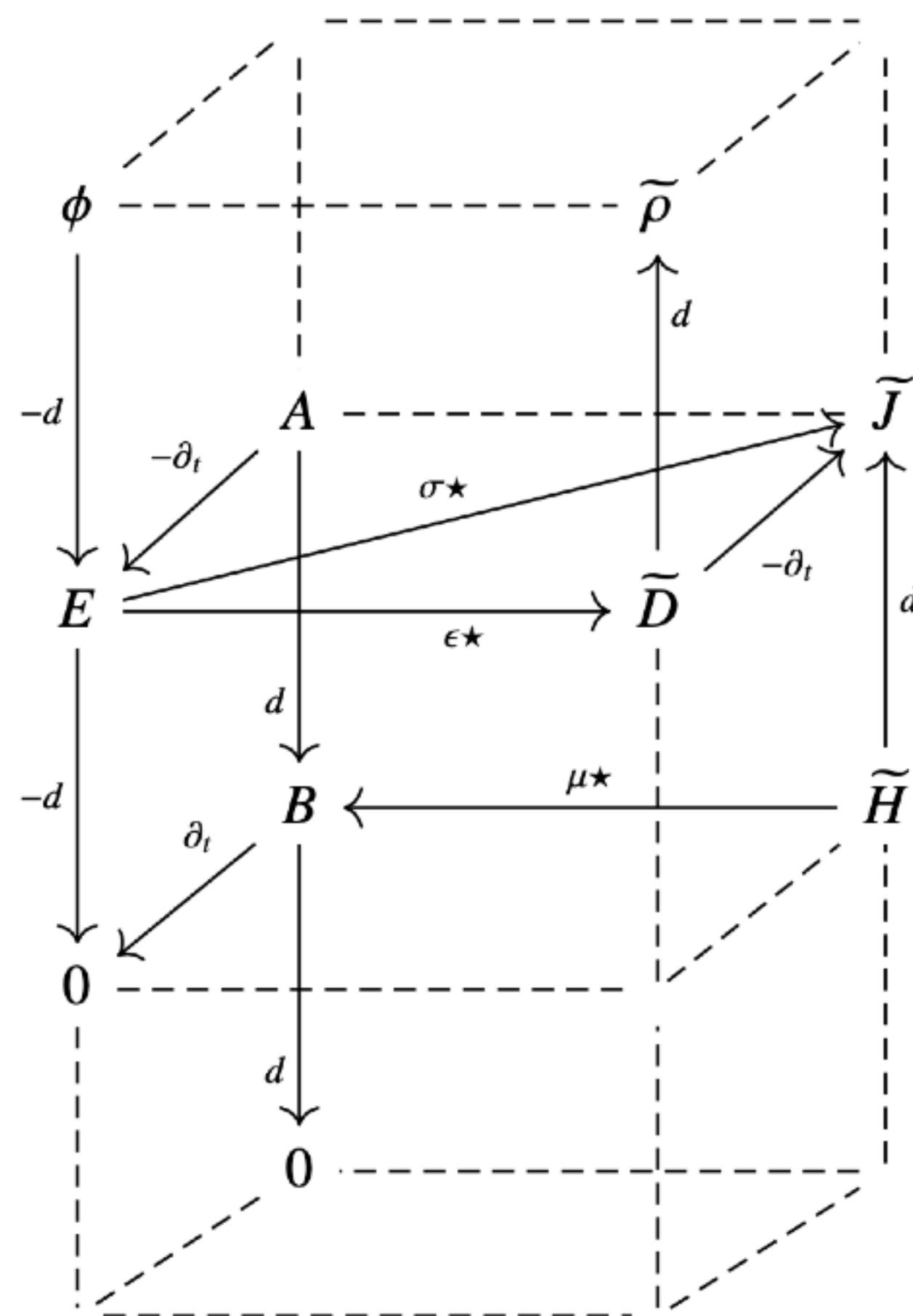## The general philosophy of "Tonti diagrams"

- The main idea: an arrow

$$x \xrightarrow{f} y$$

  asserts the equation

$$f(x) = y$$

- The main problem: inconsistent & informal conventions, even within a single diagram

Left: exterior calculus, from Bossavit
Right: vector calculus, from Cortes Garcia et al.

4. Are these building blocks good enough?