

DiSalvo (Thesis, in progress, Chapter 2)

This reading is a throwback to the more philosophical viewpoint—one that I hope you find interesting and one that I want you to sharpen the skill of being able to return to again and again, even when you are mired thick in engineering practicalities.

The author's punchline begins when he starts talking about what a product *is*. It is comprised of four dimensions, DiSalvo writes: materiality, expression, function and form. From an internal point of view, DiSalvo defines the four dimensions in somewhat unique ways.

I would like to ask you to consider the Roomba, as a designed product, and identify, from the *internal* view, what you consider to be its notable attributes with respect to materiality, expression, function and form—as defined by DiSalvo please! In doing this, you will find that a first step you need to take – which is also the second part of my request for you – is that you probably want to read and reread DiSalvo's descriptions of each dimension and you will want to write down, in your own words, in at most three sentences or so, definitions that represent his internal view definition of each dimension.

So, to summarize, please give me DiSalvo-cliffnote-summaries of the definitions of internal views of each of the four dimensions, then take apart the Roomba product using the four dimensions.