

The Science of Reading

Post by “reneliza” of May 13, 2022 at 9:19 AM

So this is definitely not the same thing, but when I was still working I was studying central pattern generators which are parts of the nervous system that allow us to carry out repetitive motions without thinking about it. Breathing is an obvious example, but it even applies to things that we think of as purely voluntary movements like walking. You don't have to tell your body “move this foot, then move that foot” - you just tell it “start walking” and after a step or two it's going on autopilot.

The comparison here is just the huge amount of *assorted automatic stuff* that our brains are doing in the background on both the INPUT and OUTPUT side of things. And how much of our experience on both ends is just based on what we expect.