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Appendix:

In Fig. 7, we summarized a representative set of gestures produced by users for the circle symbol by adequately classifying them according to our taxonomy. We show different movement categories and their mapping into fingers and hands. Although Fig. 7 shows gestures relative to the circle symbol, the depicted fingers and hand poses, as well as the induced atomic movements fairly holds for the other symbols.

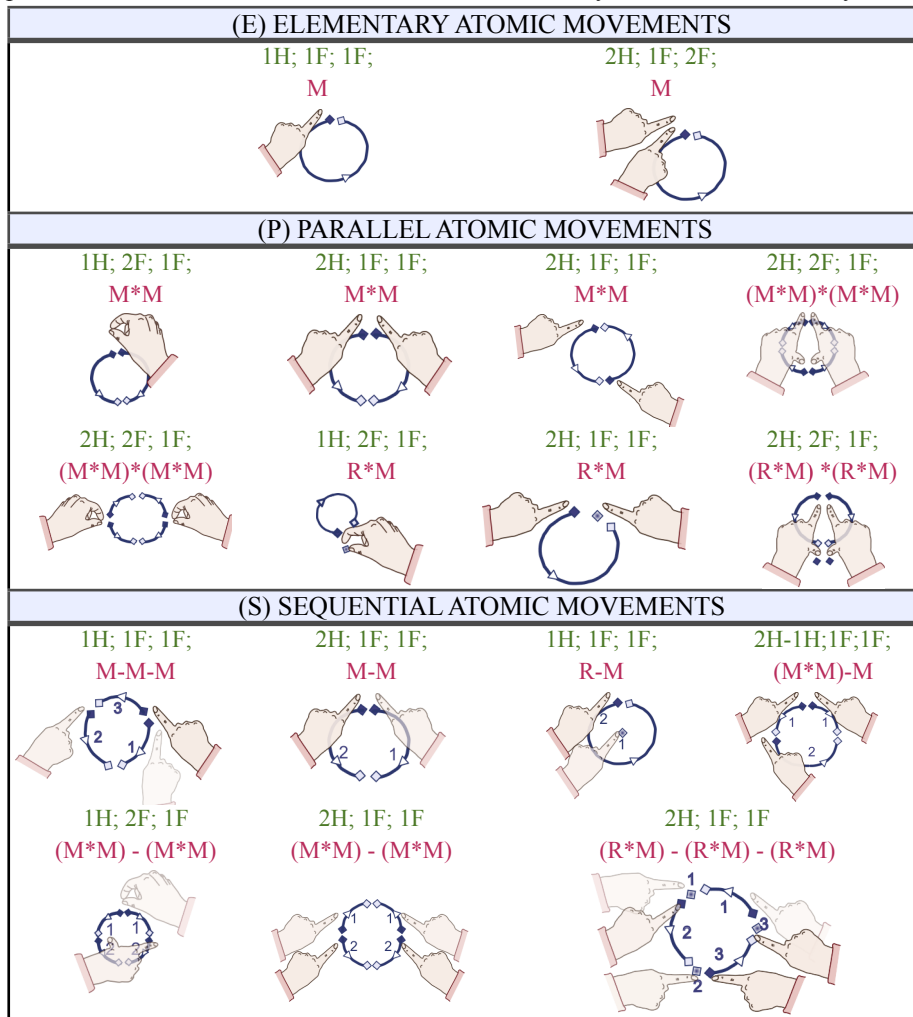


Fig. 7. A representative set of gestures for the circle symbol. We show respectively the number of hands used; the number of fingers per hand; and the number of fingers per movement (e.g., 2H; 1F; 1F; reads as: two hands, one finger per hand, one finger per movement). The atomic movements (R: Ref or M: Motion) and their time composition is also explicated. Gestures depicted with the Index could also be performed by more fingers, e.g. middle+index+ring.