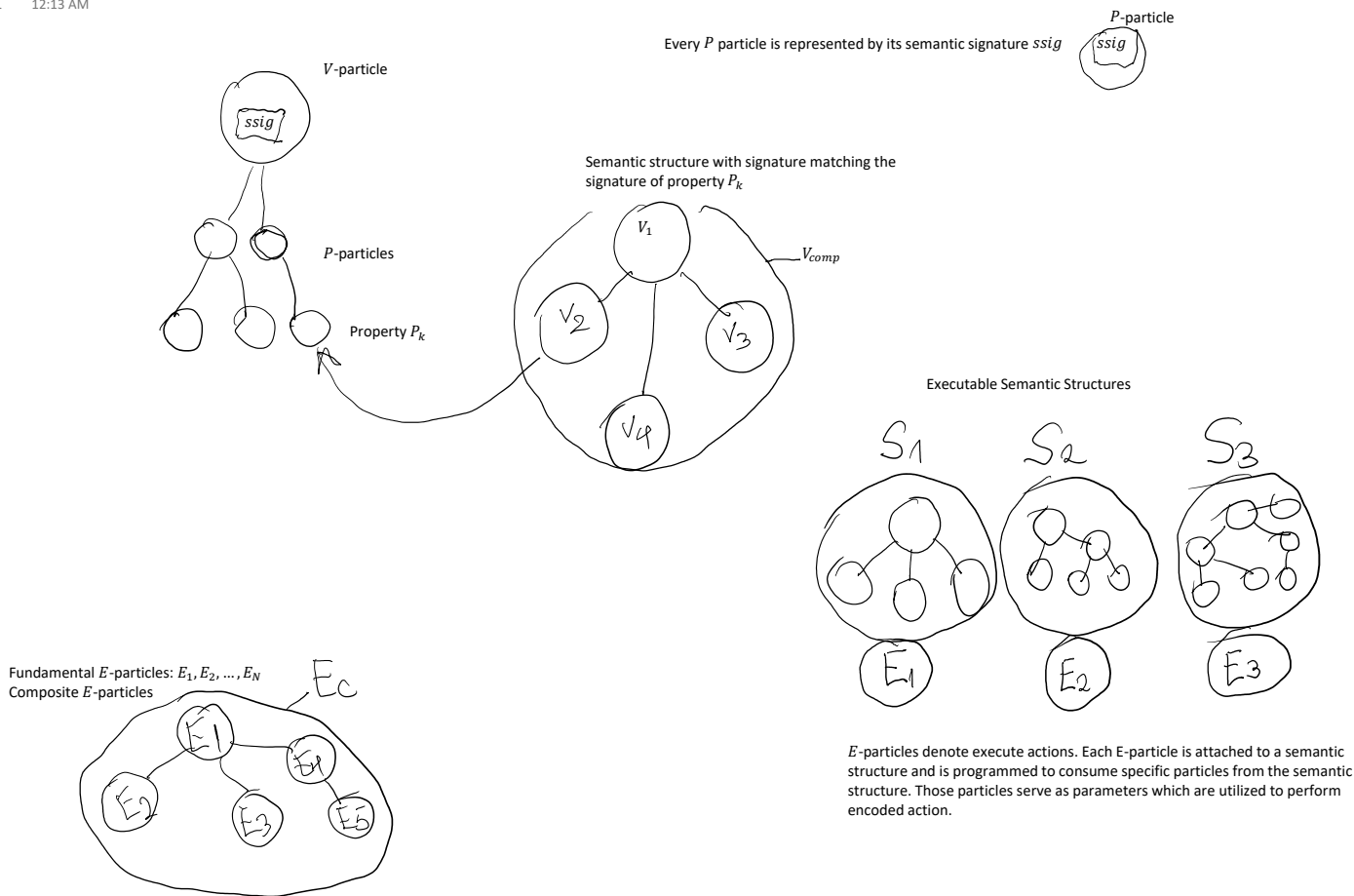


Algorithm for semantic programming part 1

Sunday, April 4, 2021 12:13 AM



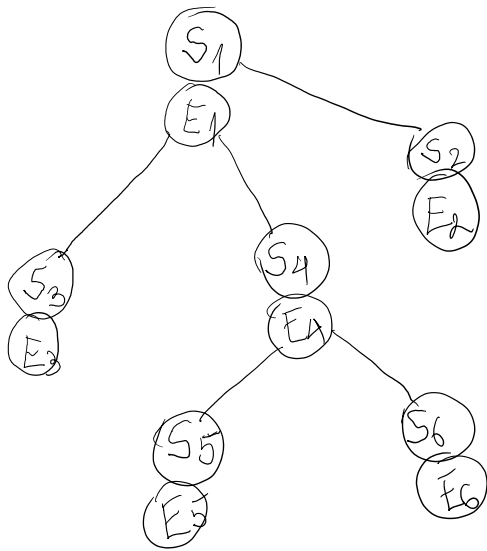
Algorithm for semantic programming part 2

Sunday, April 4, 2021 7:37 AM

Inference is realized by matching recently formed semantic structures with inference E -particles also denoted as IE -particles.

Executive Action Graph

Sunday, April 4, 2021 12:43 AM



Executive actions

After a semantic structure S is formed it is matched with E -particle. An Executive Action Graph is formed from related semantic structures S_k which have attached E -particles. The Executive action Graph denotes the execution of the E -particles within the graph following specified traversal order.

Executive actions are created from semantic structures formed as a result of inference. One of the executive actions is to retrace previous actions, thereby creating trace graph which would be utilized as a tool in future decisions.