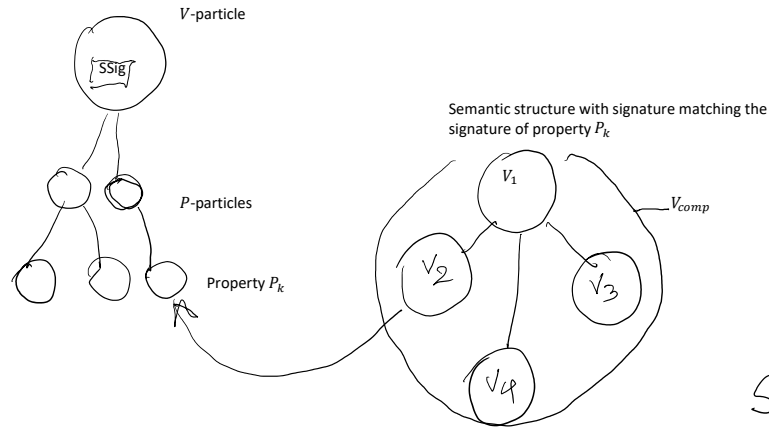


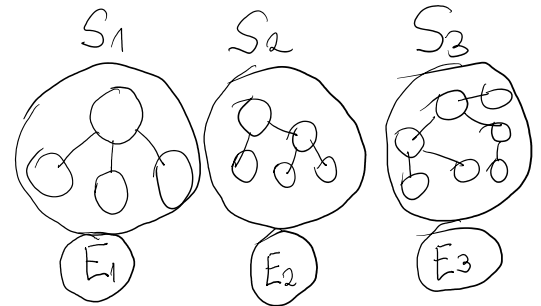
# Algorithm for semantic programming part 1

Sunday, April 4, 2021 12:13 AM

Every  $P$  particle is represented by its semantic signature

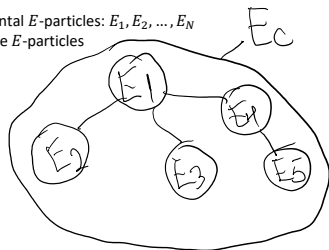


Executable Semantic Structures



$E$ -particles denote execute actions. Each  $E$ -particle is attached to a semantic structure and is programmed to consume specific particles from the semantic structure. Those particles serve as parameters which are utilized to perform encoded action.

Fundamental  $E$ -particles:  $E_1, E_2, \dots, E_N$   
Composite  $E$ -particles

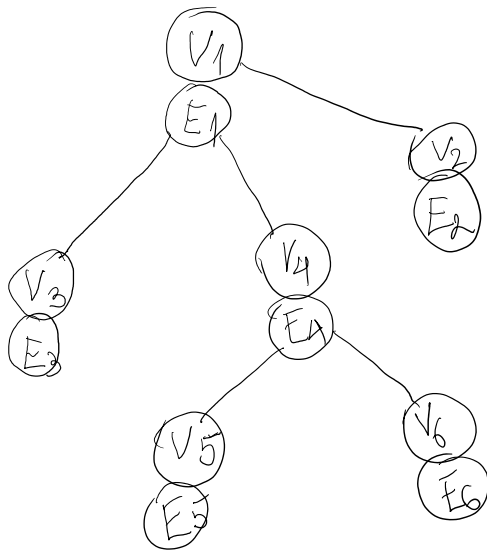


# Algorithm for semantic programming part 2

Sunday, April 4, 2021 7:37 AM

# Executive Action Graph

Sunday, April 4, 2021 12:43 AM



## Executive actions

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