35.2.3 Big Step Operational Semantics

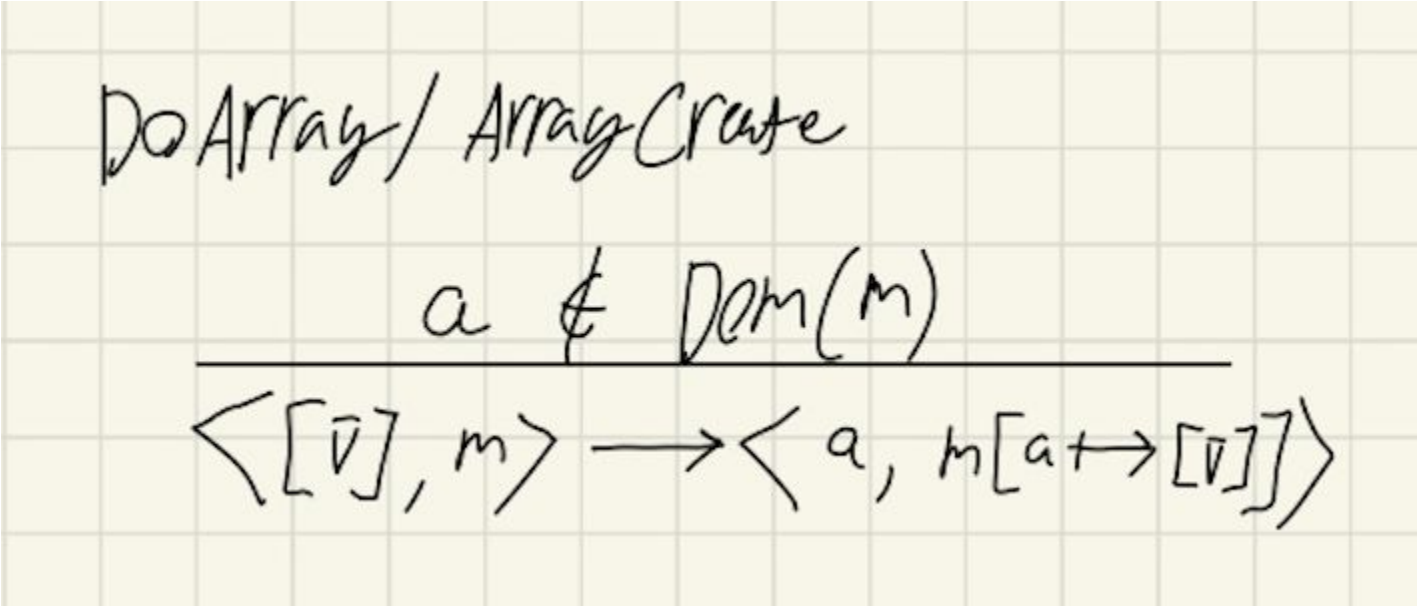
Search Array Index 1

$$\frac{\langle e_1, m\rangle \to \langle e_1', m'\rangle}{\langle e_1[e_2], m\rangle \to \langle e_1'[e_2], m'\rangle}$$

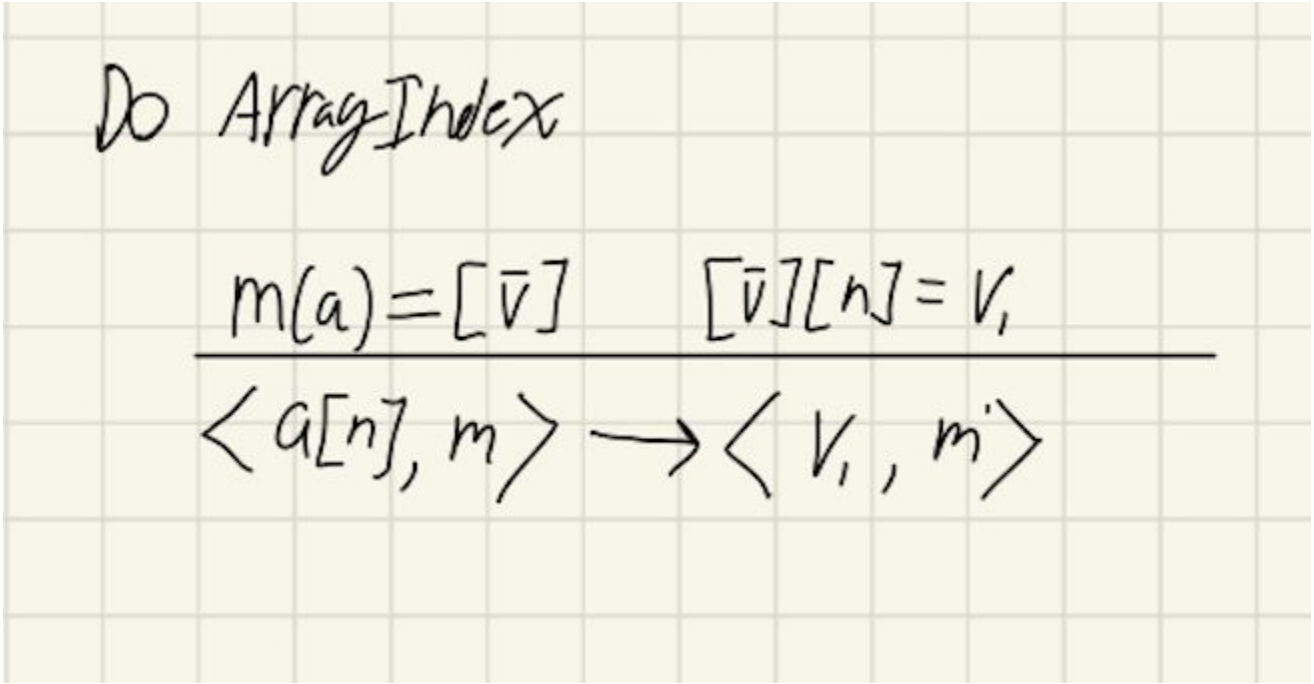
Search Array Index 2

$$\frac{\langle e_2, m\rangle \to \langle e_2', m'\rangle}{\langle a_1[e_2], m\rangle \to \langle a_1[e_2'], m'\rangle}$$

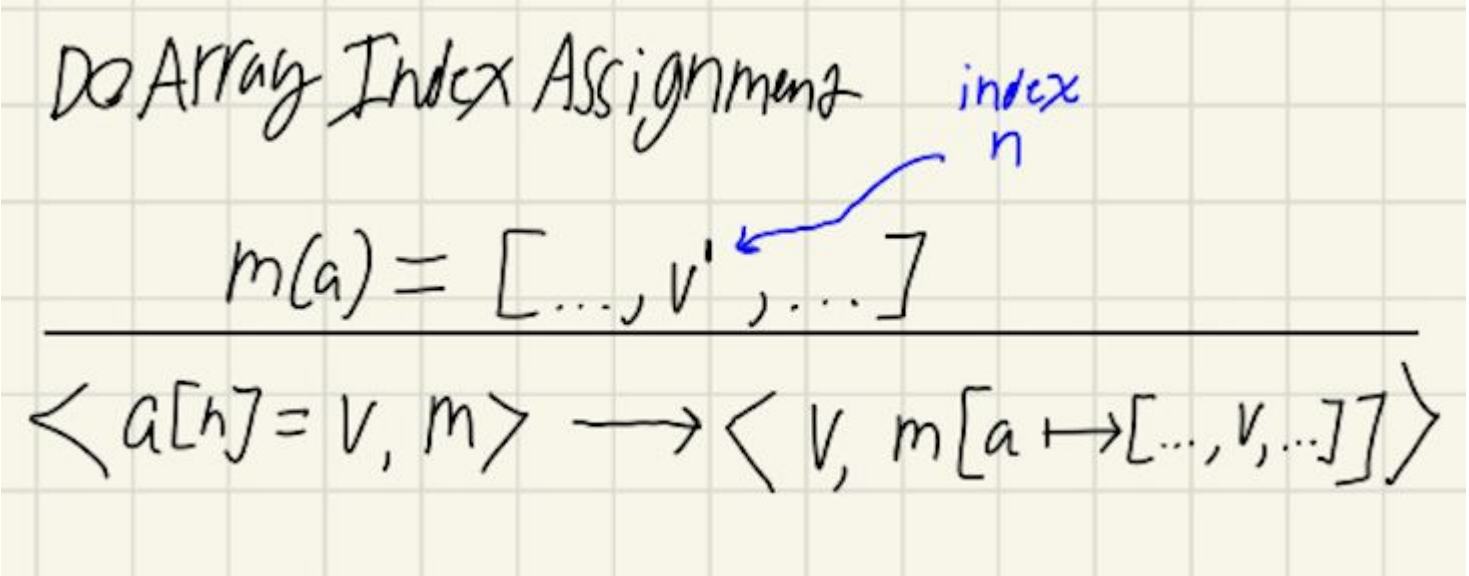
DoCreate (small step)



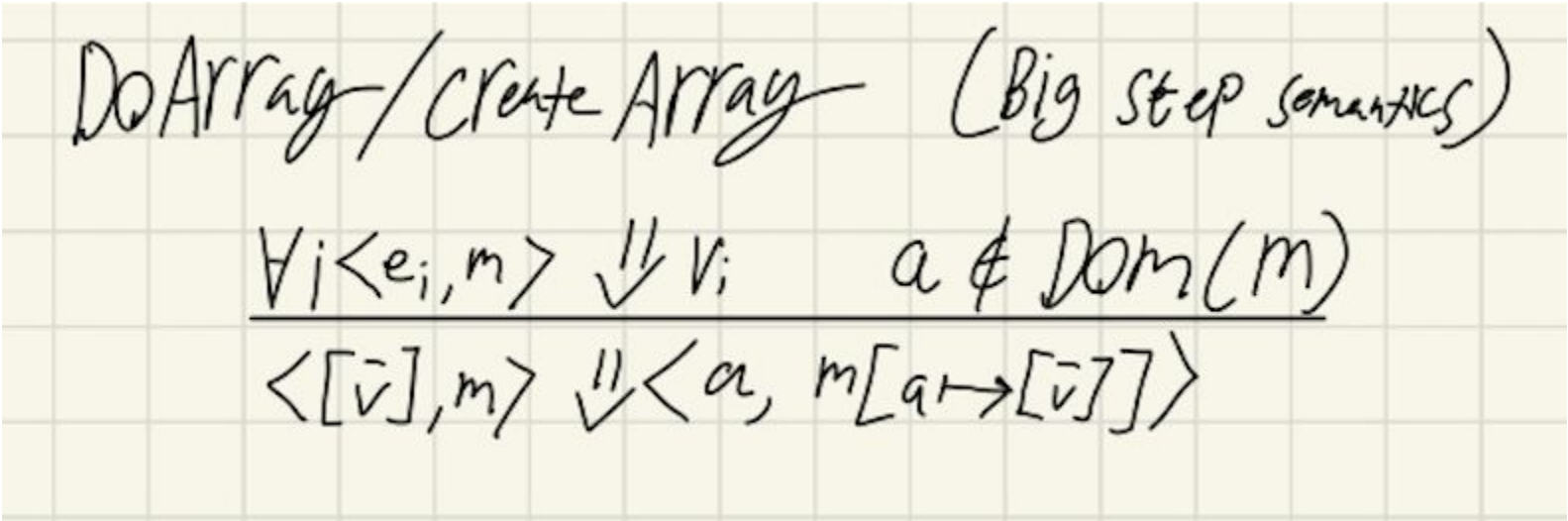
DoArrayIndex (small step)



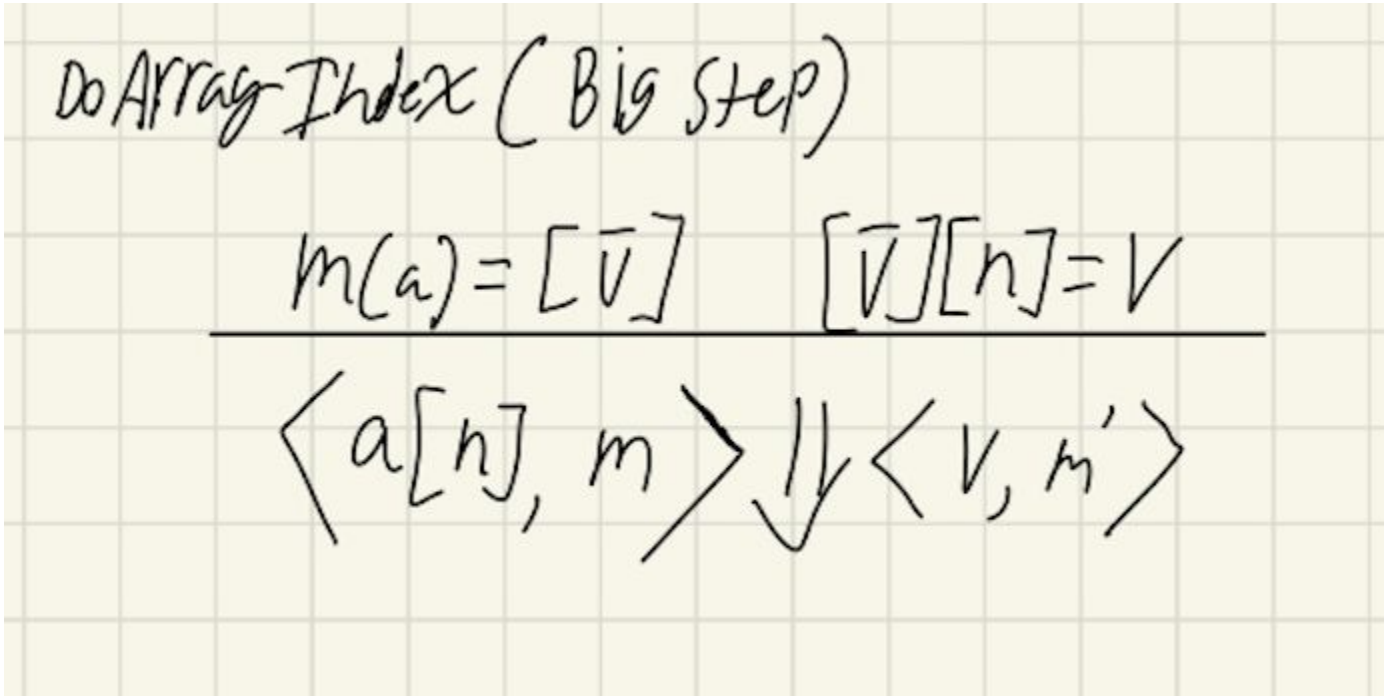
DoArrayIndexAssignment (small step)



DoCreate (Big Step)



DoArrayIndex (Big Step)



DoArrayIndexAssignment (Big Step)