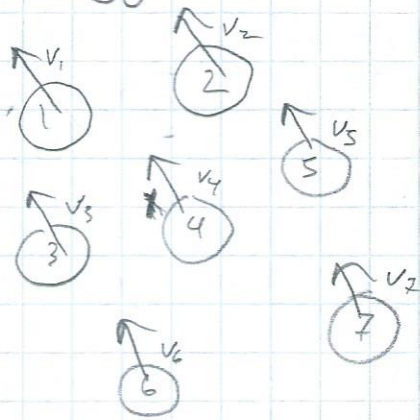


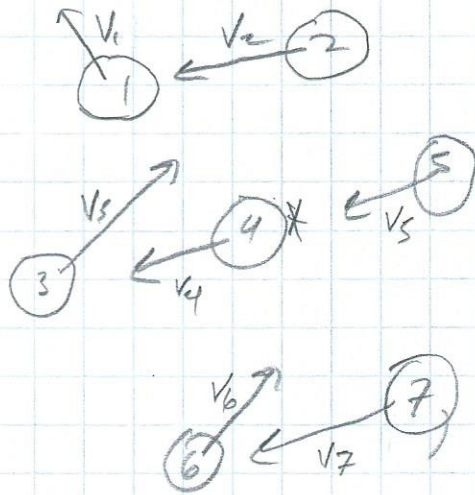
Idea: Toggle to make birds move in a line formation.



normal flocking behavior

Press '5' :

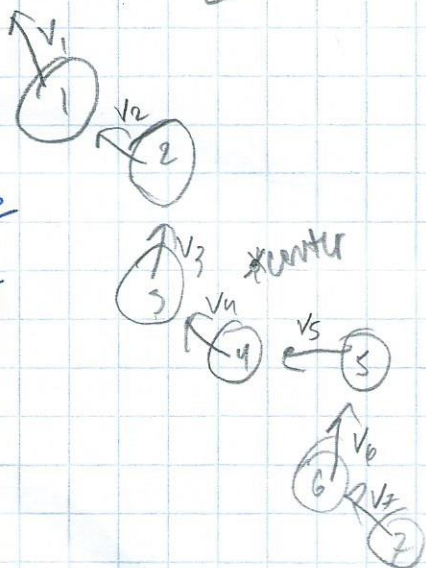
Now each bird attempts to follow the bird directly in front of it in the array list. Bird 'one' just stays along the same path.



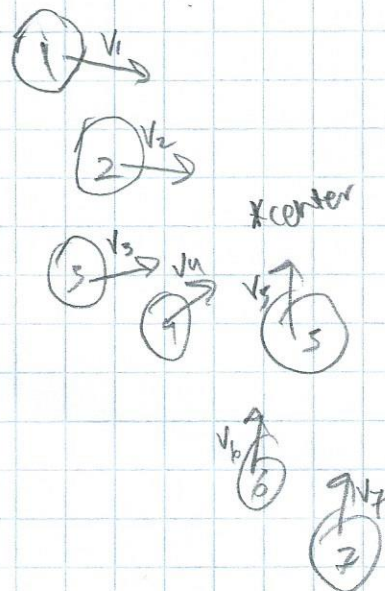
only according to the destination rule.

train like pattern emerges

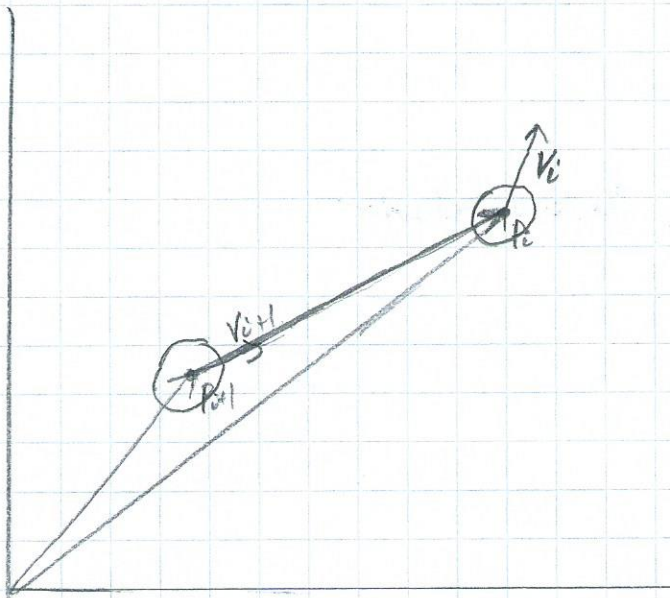
$x = \text{center}$



Press '5'
Flocking behavior returns



normal flocking behavior returns



We need V_{i+1} to move about the line connecting P_i to P_{i+1} .

- take $a(P_i - P_{i+1})$ as vel at every time step?

Additionally, for $i=1$, we will need to make bird ones convergence towards the destination vector more powerful.