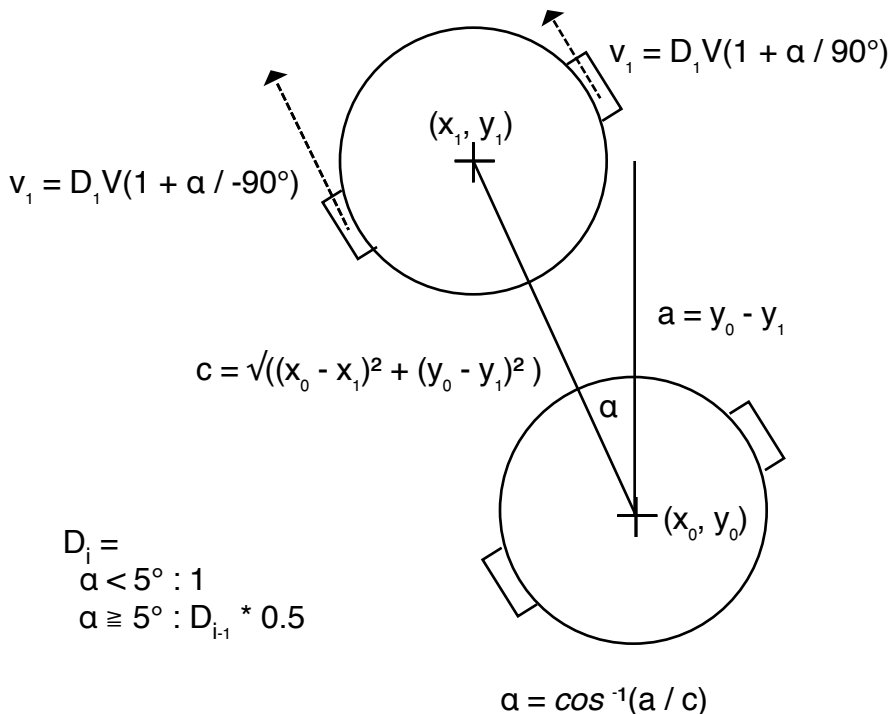


Robot Control



a is the intended trajectory, c is the traveled trajectory, α is the divergence angle. V is the base speed constant and D_i is a decay function for avoiding oscillation in the robot's control. The coordinate system is aligned to the intended trajectory.