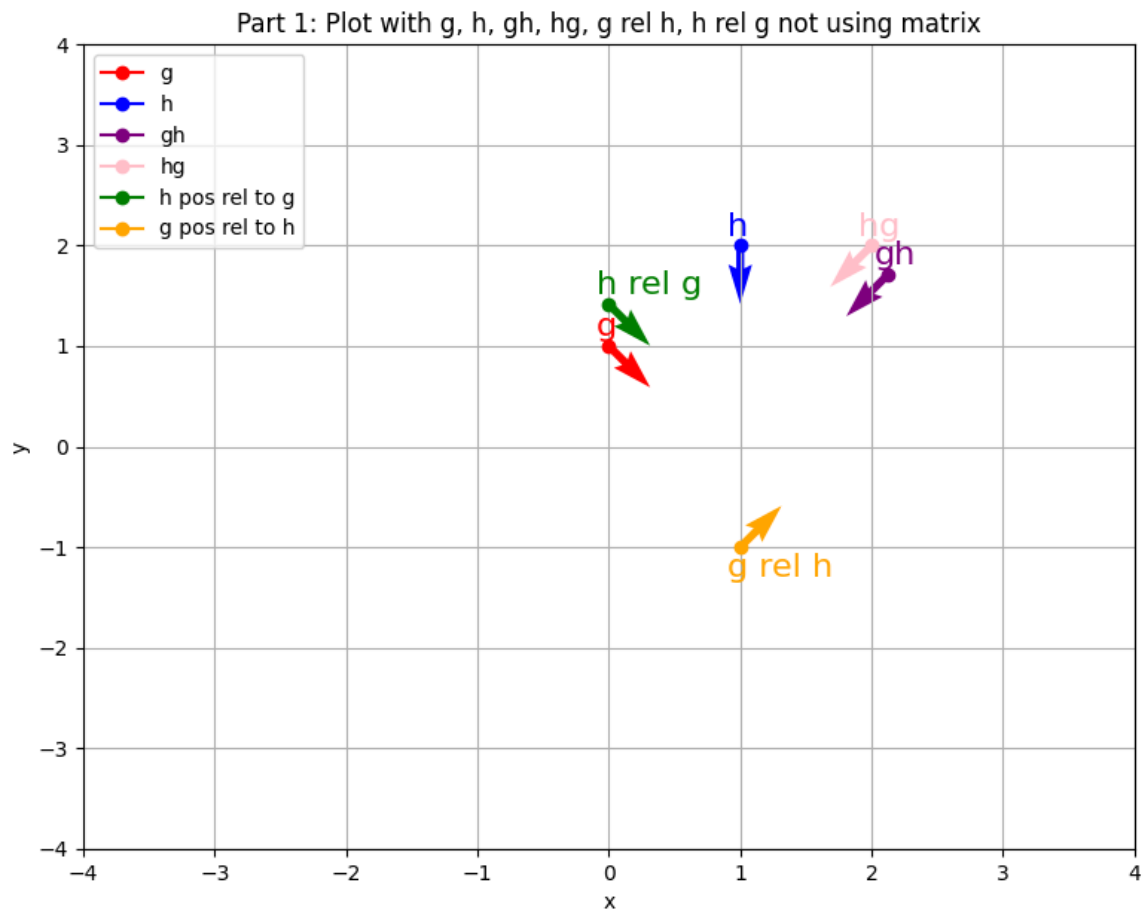
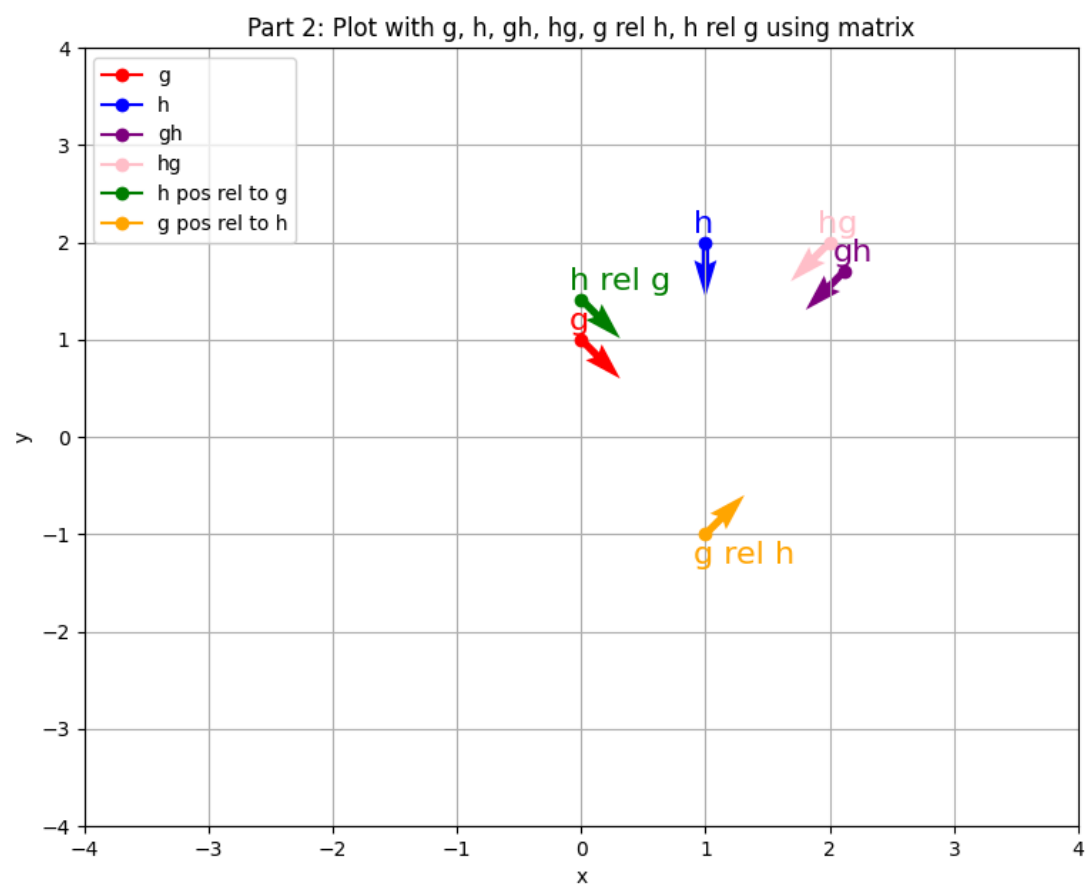


Part 1:



Caption: Illustration of g , h , gh , hg , position of g relative to h , position of h relative to g (not using matrix)

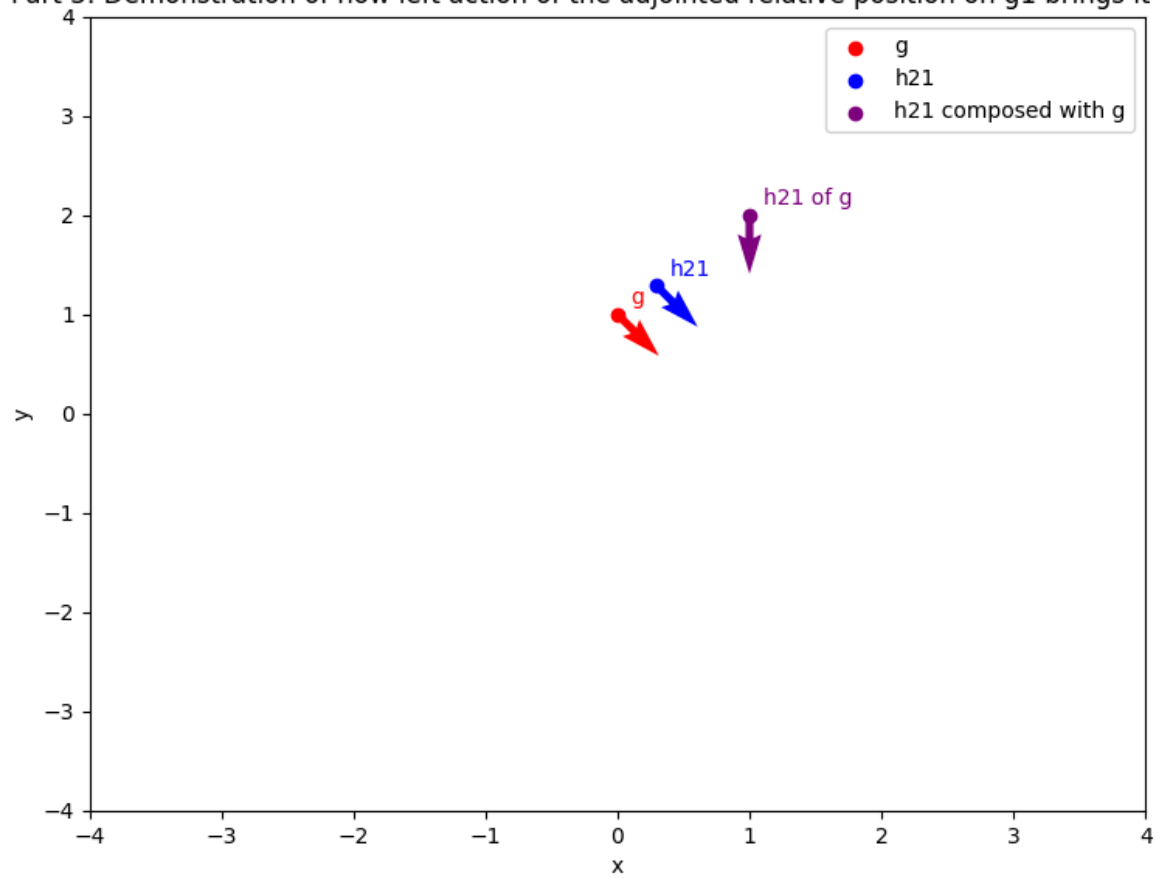
Part 2:



Caption: Illustration of g, h, gh, hg, position of g relative to h, position of h relative to g (using matrix)

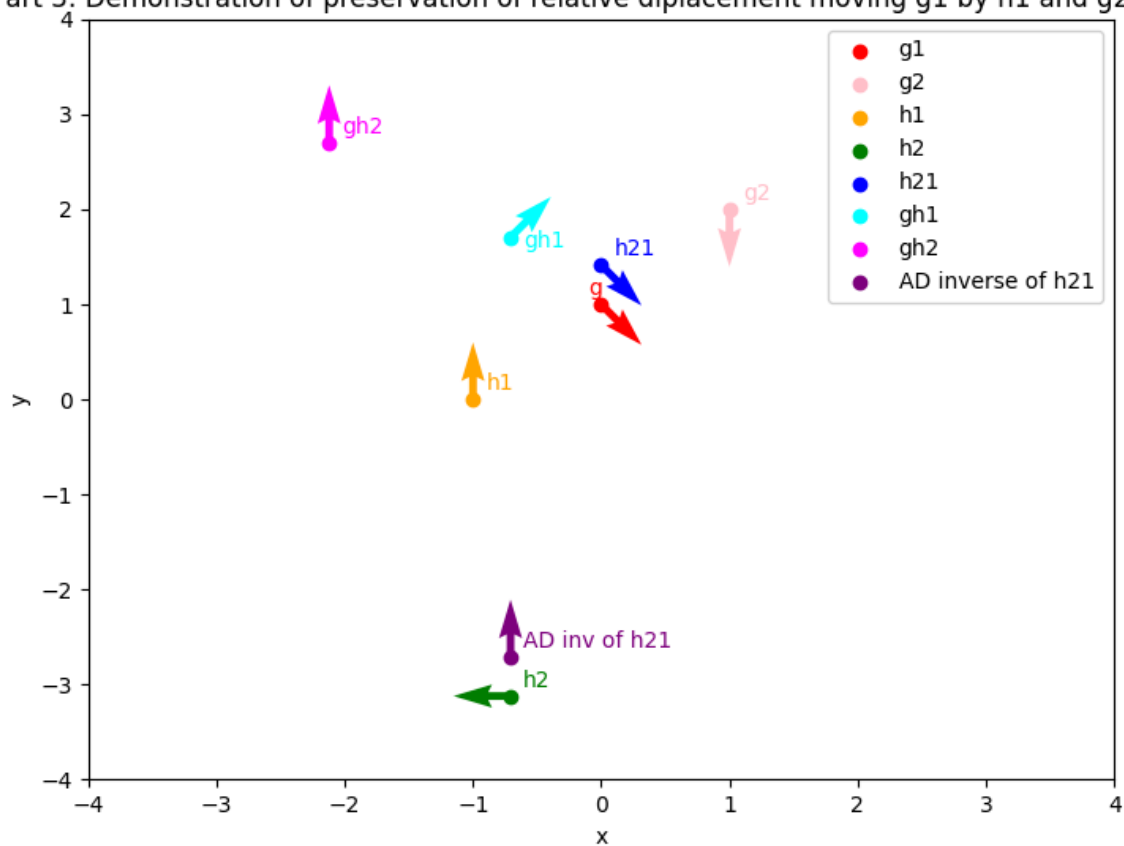
Part 3:

Part 3: Demonstration of how left action of the adjointed relative position on g_1 brings it to g_2



Caption: Illustration demonstrating that the left action of the adjointed relative position on g_1 brings it to g_2

Part 3: Demonstration of preservation of relative displacement moving g_1 by h_1 and g_2 by h_2



Caption: Illustration of g_1 , g_2 , h_1 , h_2 , h_{21} , gh_1 , gh_2 , and AD inverse of h_{21} showing that the relative displacement is preserved between the two elements