

Phase 1: Light Graph a Line¹

- A) Download the Long Exposure App and practice taking some pictures of the Linkbot's Light. Try to hold the camera as still as possible.
- B) Now program the robot to move along the line $y=x$ with the domain $0 < x < 5$. Once that program works, use the Long Exposure App to take a picture of the graph you make.
- C) What would change if the line you were graphing had a different slope? y-intercept?
- D) Show your teacher your pictures and move on to the next phase after they approve your picture by signing below.
- E) Attach your picture below...

Teacher Approval: _____

¹ Polya's How to Solve It, "Can you solve a simpler problem first?"