

PROBLEM:

An automation company would like to hire new engineers to handle their industrial robots (Kuka KR 6 R900 sixx and ABB IRB 120) for their new production line. The company conducts an interview to test the capability and competency of the interviewees, in which the interviewees are required to operate the Kuka or ABB robot in solving Hanoi Tower problem.

Your group task is to solve the **3-tier Hanoi Tower problem** using either Kuka or ABB robot. The goal is to determine the shortest running time of the given task under nominal operating speed of the robot. Fig. 1 illustrates two different trajectories normally practiced in industry.

