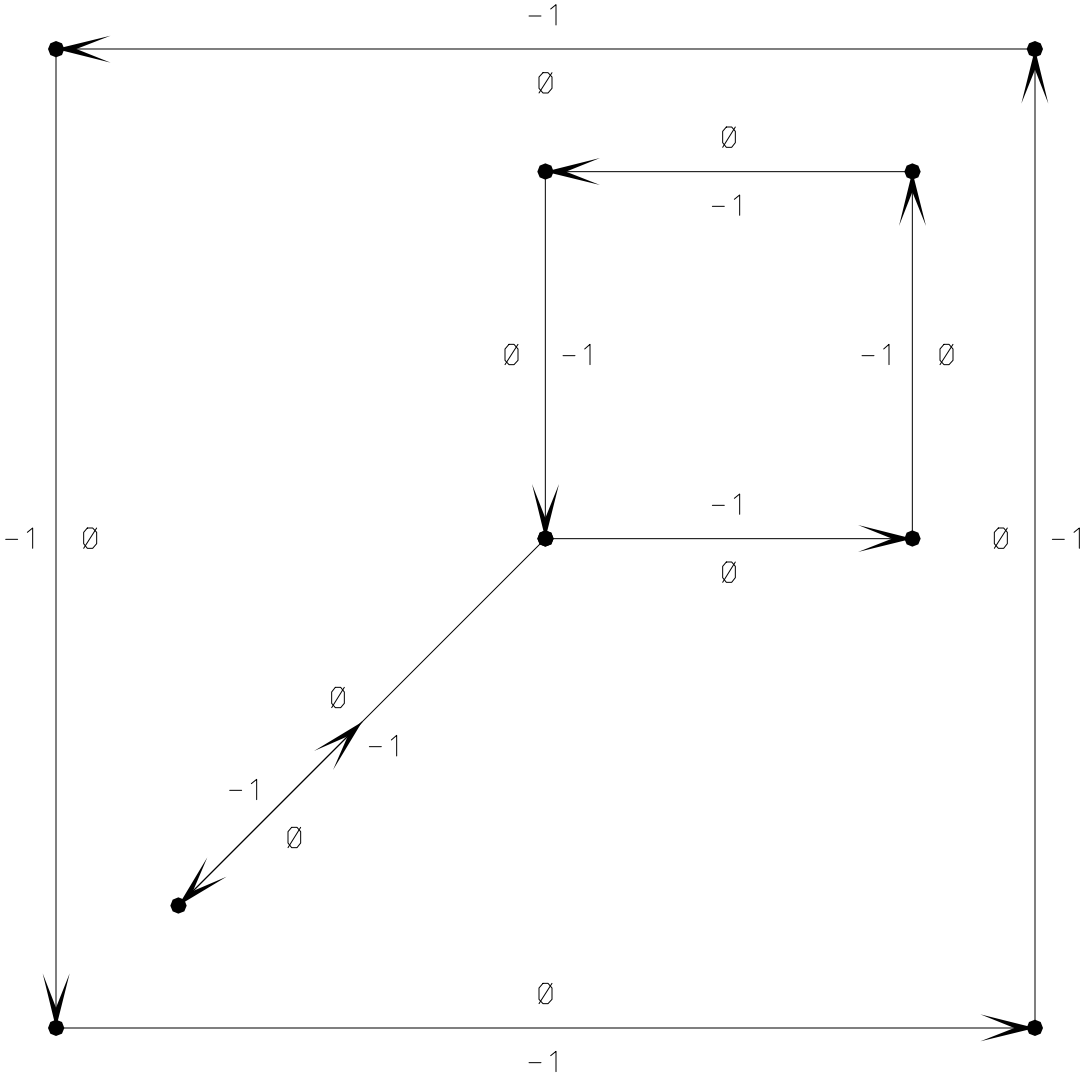AT START OF ARPRAM - GROUP 5