

```

P1 = np.array([(-9, -8), (-14, -5), (-15, -3), (-15, -2), (-15, -1), (-15, 1), (-14, 3), (-13, 6), (-13, 10), (-12, 13), (-11, 16), (-8, 20), (-7, 19), (-7, 12), (-8, 9), (-9, 8), (-8, 9), (3, 8), (1, 7), (3, 8), (13, 11), (18, 11), (17, 10), (12, 7), (6, 5), (4, 5), (5, 5), (5, -4), (4, -5), (3, -5), (2, -7), (0, -7)])
P2 = np.array([(4, -5), (4, -7), (5, -9), (6, -11), (7, -11), (8, -12), (7, -13), (9, -11), (10, -11), (10, -14), (8, -18), (7, -19), (6, -19), (6, -17), (6, -19), (-1, -19), (2, -15), (3, -12), (3, -11)])
P3 = np.array([(-1, -19), (0, -20), (-5, -20), (-5, -19), (-5, -14), (-4, -10)])
P4 = np.array([(-6, -11), (-5, -14), (-5, -19), (-7, -20), (-10, -20), (-10, -19), (-9, -18), (-12, -14), (-13, -11), (-13, -9)])
P5 = np.array([(-10, -19), (-17, -19), (-19, -16), (-20, -13), (-20, -12), (-19, -11), (-18, -11), (-17, -13), (-16, -16), (-17, -13), (-17, -12), (-15, -11), (-14, -9), (-13, -7), (-13, -6)])
P6 = np.array([(-11, -1), (-10, -1), (-9, -4), (-7, -6), (-6, -6), (-4, -4), (-3, -2), (-3, -1), (-2, -1), (-4, -1), (-6, 0), (-8, 0), (-9, -1), (-11, -1)])
P7 = np.array([(5, 1), (10, 3), (15, 4), (20, 4), (15, -4), (8, -4), (10, -9), (6, -10), (6, -11), (5, -9), (7, -8), (5, -4)])
P8 = np.array([(-15, 0), (-14, 0), (-13, -1), (-13, -2), (-14, -3), (-15, -3)])
P9 = np.array([(0, -2), (1, -1), (3, -1), (4, -2), (4, -3), (3, -4), (1, -4), (0, -3), (0, -2)])
P10 = np.array([(-11, 1), (-12, 2), (-12, 3), (-11, 4), (-10, 4), (-9, 3), (-9, 2), (-10, 1), (-11, 1)])
P11 = np.array([(-2, 2), (-2, 3), (-1, 4), (0, 4), (1, 3), (1, 2), (0, 1), (-1, 1), (-2, 2)])
P12 = np.array([(-7, 1)])
P13 = np.array([(12, 7), (13, 11)])
P14 = np.array([(-12, 13), (-9, 15), (-7, 15)])

```

```

P = {"P1": P1,
     "P2": P2,
     "P3": P3,
     "P4": P4,
     "P5": P5,
     "P6": P6,
     "P7": P7,
     "P8": P8,
     "P9": P9,
     "P10": P10,
     "P11": P11,
     "P12": P12,
     "P13": P13,
     "P14": P14}

```

