

```

P1 = np.array([(12, 30), (11, 29), (11, 28), (12, 28), (13, 29), (13, 30), (11, 30), (9, 28), (9, 27), (8,
27), (7, 26), (7, 25), (6, 25), (5, 24), (6, 24), (5, 23), (5, 22), (6, 21), (6, 20), (7, 19), (8, 19), (7, 18),
(5, 18), (6, 17), (5, 17), (4, 16), (4, 15), (5, 16), (5, 14), (6, 13), (6, 12), (7, 11), (7, 8), (8, 7), (8, 6),
(9, 5), (10, 5), (11, 4), (12, 4), (13, 3), (14, 3), (15, 4), (15, 7), (14, 8), (14, 9), (12, 11), (11, 11), (9,
13), (10, 13), (9, 14), (9, 15), (10, 15), (9, 16), (9, 17), (10, 18), (11, 17), (14, 17), (15, 18), (16, 18),
(17, 19), (17, 20), (16, 20), (15, 21), (15, 26), (14, 27), (12, 27), (10, 25), (10, 24), (9, 25), (9, 26),
(8, 25)])
P2 = np.array([(7, 25), (8, 25), (9, 24)])
P3 = np.array([(13, 29), (14, 29), (13, 28), (14, 27), (14, 29)])
P4 = np.array([(14, 27), (15, 27), (16, 26), (16, 25), (17, 24), (16, 23), (16, 22), (17, 23), (17, 24)])
P5 = np.array([(14, 21), (15, 22), (16, 22), (16, 21), (17, 21), (17, 20), (17, 23)])
P6 = np.array([(14, 24), (13, 24), (12, 23), (12, 22), (13, 22), (14, 23), (14, 25.5), (13, 25.5), (12,
25), (11, 24), (11, 23), (12, 22)])
P7 = np.array([(11, 20.5), (12, 21), (14, 19), (16, 19), (17, 20)])
P8 = np.array([(13, 21), (12, 21), (12, 20), (11, 19), (11, 18), (12, 18), (13, 19)])
P9 = np.array([(13, 20), (13, 19), (13.5, 18.5), (14, 18.5), (14.5, 19)])
P10 = np.array([(12, 17), (13, 18), (14, 18)])
P11 = np.array([(13, 17), (14, 16), (19, 12), (20, 13), (22, 13), (21, 12), (22, 11), (23, 11), (22.5,
10.5), (23, 10), (20, 10), (19, 11), (13.5, 12.5), (13, 13), (13, 12), (15, 10), (16, 10), (19, 7), (20, 8),
(20, 10), (19, 9), (17, 9)])
P12 = np.array([(18, 8), (19, 8), (20, 9)])
P13 = np.array([(19, 7), (21, 5), (21, 2), (19.5, 0.5), (19, 1), (18, 1), (17, 2), (15, 2), (14, 3)])
P14 = np.array([(21, 2), (22, 1), (22, 0.5), (21.5, 1)])
P15 = np.array([(22, 0.5), (22, 0), (20.5, 1)])
P16 = np.array([(22, 0), (21, 0), (20.5, 0.5)])
P17 = np.array([(21, 0), (20, 0), (19.5, 0.5)])
P18 = np.array([(7, 10), (6, 10), (4, 8), (4, 5), (5, 4), (2, 7), (1, 7), (1, 4), (4, 1), (5, 1), (6, 2), (6, 3),
(7, 4), (11, 4)])
P19 = np.array([(1, 6), (2, 6), (4, 4), (4, 3), (5, 2), (5, 1)])
P20 = np.array([(5, 24), (4, 25), (4, 27), (3, 28), (3, 27), (0, 27), (1, 26), (2, 26), (2.5, 26.5), (3.5,
26.5)])
P21 = np.array([(1, 26), (0, 26), (1, 25), (2.5, 25), (3, 24), (5, 19), (6, 18)])

```

```

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,
     "P15" : P15,
     "P16" : P16,
     "P17" : P17,
     "P18" : P18,

```

"P19" : P19,  
"P20" : P20,  
"P21" : P21}

