

Wentao Lu

1. 1) 1913

2) Who was the person come to the conference as participants spouse.

3). Dr. Z Erdos-Bacon number.

[222, 2870, 1971, 2021, 2, 0, 32]

$$2. \quad x = 3 + \frac{1}{(3 + \frac{1}{(3 + \frac{1}{3} \dots)))}$$

$$x - 3 = \frac{1}{(3 + \frac{1}{3} (+ \dots + 1))}$$

$$x - 3 = \frac{1}{(3 + x - 3)}$$

$$x - 3 = \frac{1}{x}$$

$$x^2 - 3x - 1 = 0$$

$$x = \frac{3 \pm \sqrt{9+4}}{2} = \frac{3 \pm \sqrt{13}}{2}$$