

اگرچه

در این صورت

$$a: a_n = n^2 - 2n + 1 \rightarrow a_9 = 64$$

$$b: b_n = n^2 \rightarrow b_9 = 81$$

$$\Rightarrow d_{19} = \frac{64+81}{2} = 72.5$$

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$$\{1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144, 169, 196, 225, 256, 289, 324, 361, 400, 441, 484, 529, 576, 625, 676, 729, 784, 841, 900, 961, 1024, 1089, 1156, 1225, 1296, 1369, 1444, 1521, 1600, 1681, 1764, 1849, 1936, 2025, 2116, 2209, 2304, 2401, 2500, 2601, 2704, 2809, 2916, 3025, 3136, 3249, 3364, 3481, 3600, 3721, 3844, 3969, 4096, 4225, 4356, 4489, 4624, 4761, 4900, 5041, 5184, 5329, 5476, 5625, 5776, 5929, 6084, 6241, 6400, 6561, 6724, 6889, 7056, 7225, 7396, 7569, 7744, 7921, 8100, 8281, 8464, 8649, 8836, 9025, 9216, 9409, 9604, 9801, 10000\}$$

$$\{1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144, 169, 196, 225, 256, 289, 324, 361, 400, 441, 484, 529, 576, 625, 676, 729, 784, 841, 900, 961, 1024, 1089, 1156, 1225, 1296, 1369, 1444, 1521, 1600, 1681, 1764, 1849, 1936, 2025, 2116, 2209, 2304, 2401, 2500, 2601, 2704, 2809, 2916, 3025, 3136, 3249, 3364, 3481, 3600, 3721, 3844, 3969, 4096, 4225, 4356, 4489, 4624, 4761, 4900, 5041, 5184, 5329, 5476, 5625, 5776, 5929, 6084, 6241, 6400, 6561, 6724, 6889, 7056, 7225, 7396, 7569, 7744, 7921, 8100, 8281, 8464, 8649, 8836, 9025, 9216, 9409, 9604, 9801, 10000\}$$

$$a = \frac{1}{V_0} \times -18 = -\frac{1}{\delta} \Rightarrow a_n = -\frac{n^2}{\delta} + b_n + c$$

$$18 = -\delta + \delta b + c \Rightarrow 19 = \delta b + c$$

$$1718 = -\frac{89}{\delta} + Vb + c \Rightarrow 2V = Vb + c$$

$$\Rightarrow a_n = -\frac{n^2}{\delta} + \epsilon_n - 1$$

$$\Rightarrow b = 8, c = -1$$

$$\frac{a_{10}}{a_1} = \frac{\frac{18}{\delta}}{\frac{18}{\delta}} = 1$$

$$\epsilon d_a = \delta d_b \rightarrow 0 + \delta d_b = \frac{\epsilon d_a}{d_a} = \epsilon$$

$$\frac{bc}{\epsilon} = \frac{a^2}{\epsilon} \Rightarrow a^2 = bc$$

$$\Rightarrow$$

$$c+a = 2b$$

$$\frac{a q \delta}{a^m q^m} + \frac{q}{a} = 2 \rightarrow \frac{q^2}{a^2} + \frac{q}{a} = 2 \rightarrow$$

$$a \delta = 2V \Rightarrow a_{\delta} = 9 \text{ g } a_m = 1^m \Rightarrow a_1 = \frac{1}{1^m} \quad \frac{1}{4} - \frac{1}{1^m} = -\frac{1}{4}$$