

$$t_n = r^n - 1 \quad t_1 = r(1)^r - 1 = r$$

$$t_r = r(r)^r - 1 = r^2 - 1, \quad t_{14} = r(14)^r - 1 = r^2 - 1$$

$$t_\varepsilon = r(\varepsilon)^r - 1 = \varepsilon^r, \quad t_a = r(a)^r - 1 = a^r$$

$$t_n = \frac{r^n + 1}{n + \varepsilon}$$

$$t_1 = \frac{r(1) + 1}{1 + \varepsilon} = \frac{r}{\varepsilon}$$

$$t_r = \frac{r(r) + 1}{r + \varepsilon} = \frac{2}{9}$$

$$t_r = \frac{r(r) + 1}{r + \varepsilon} = \frac{1}{1} = 1$$

$$t_\varepsilon = \frac{r(\varepsilon) + 1}{\varepsilon + \varepsilon} = \frac{9}{r}$$

$$t_a = \frac{r(a) + 1}{a + \varepsilon} = \frac{11}{9}$$

$$t_n = \frac{(-1)^n}{\sqrt{n+r}}$$

$$t_{14} = \frac{(-1)^{14}}{\sqrt{14+r}} = -\frac{1}{\sqrt{14}} = -\frac{1}{r}$$

$$t_n = r^n - \left\lfloor \frac{n}{\varepsilon} \right\rfloor$$

$$t_{14} = r(14) - \left\lfloor \frac{14}{\varepsilon} \right\rfloor$$

$$t_{14} = 14 - r = 14$$

$$t_n = r^n - 10 \quad |R_5(-\infty, \infty)$$

$$r^n - 10 > 0$$

$$n > 0$$

$$\frac{a}{-b +}$$

$$1, 2, 3, \varepsilon$$

$$0 < a < \delta$$

$$t_n = r^n - 1 \quad |R_5(-\infty, \infty)$$

$$n^r - 1 \quad |R_5(-\infty, \infty)$$

$$\varepsilon < a < 1$$

$$a \in \mathbb{N}$$

$$(n-10)(n-\varepsilon) > 0$$

$$\frac{\varepsilon}{+b - b +}$$

$$14, 17, 18, 19$$

$$t_n = r^n - 14 \quad |R_5(-\infty, \infty)$$

$$r^n - 14 \leq 0$$

$$r^n \leq 14$$

$$n \leq 14$$

$$\frac{a}{-b +}$$

$$0 < a < 14$$

$$t_n = r^n - 14n + 14$$

$$(n-14)(n-1) \leq 0$$

$$\frac{r}{+b - b +}$$

$$1, \varepsilon, 14, 17, 18, 19$$

$$14 \leq a \leq 19$$

$$t_\varepsilon = \varepsilon$$

$$d = \frac{10}{a} = r$$

$$t_a = r^2$$

$$t_n = r^n - 8$$

$$t_r = r(r) - 8 = \varepsilon$$

$$t_n = n^2 + \epsilon n + 1$$

$$t_1 = 9$$

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$$t_n = n^2 - 4n + 1$$

$$t_1 = -7$$

$$t_0 = -7$$

$$t_2 = 5$$

$$t_3 = 7$$

$$t_4 = -1$$

$$t_5 = -7$$

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$$t_1 = -7$$

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$$- \epsilon, -1, -1, -1, -1, t_n = n^2 - 4n + 1$$

$$-7, -1, -1, -1, -1$$

$$t_1 = 7$$

$$+7$$

$$t_0 = 7$$

$$a = 1$$

$$t_1 = -7$$

$$t_2 = -1$$

$$\begin{cases} b+c = -2 \\ 2b+c = -1 \end{cases}$$

$$b = -4, c = 1$$

$$-2, -4, -1, -1, -1$$

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$$a = 2$$

$$t_n = n^2 - n - 1$$

$$an^2 + bn + c$$

$$+1, +2, +2, +2, +2$$

$$+1, +2, +2, +2, +2$$

$$t_1 = -4$$

$$t_2 = -1$$

$$\begin{cases} b+c = -1 \\ 2b+c = -4 \end{cases} \rightarrow \begin{cases} b = -1 \\ c = -2 \end{cases}$$

$$b = -2$$

$$a + \epsilon \leq 2a + 1$$

$$-a + \epsilon \leq 2a + 1$$

$$a + \epsilon \leq 2a + 1$$

$$a = 7$$

$$a + \epsilon \leq 2a + 1$$

$$a > 7$$

$$7 > a \cup a = 7 \rightarrow 7$$

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$$\frac{90-18}{10} + t_0 + 1 = 9$$

$$10 = 10$$

$$n(A) + n(B) - n(A \cap B)$$

$$17 + 10 - 4 = 23$$

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$$\frac{10a-1}{1} + 1 \leq 100$$

$$\frac{9a-7}{7} + 1 \leq 100$$

$$\frac{100-8}{8} + 1 \leq 14 + 1 = 15$$

100 - 8 = 92