

$$n=r \rightarrow r+r = r a^r + r a \rightarrow r a^r + r a - r = 0$$

(10)

$$a^r + a - r = 0 \rightarrow (a+r)(a-1)$$

11

$$a = \{-r, 1\}$$

12

~~(1) 1/10/2020~~

13

14