

$$q(a+d)^r = a(a+rd)^r + r(a+d)a$$

$$qa^r + rd^r + rad = ra^r + rad + ra^r + rad$$

$$ra^r + ab - 4d^r = 0$$

$$\frac{a^r}{d} = \frac{a+rd}{d} = \frac{a}{d} + r$$

$$r \frac{a}{d^r} + \frac{a+rd}{d^r} - q \frac{d^r}{d^r} = 0 \Rightarrow r \left(\frac{a}{d} \right)^r + \frac{a}{d} - q = 0$$

$$\Delta = 1^r - \epsilon \times r \times -q = 1 + \epsilon q \Rightarrow \epsilon q \approx V \Rightarrow \frac{1}{\epsilon} = V = -r = \frac{a}{d} \cdot \frac{a}{d} = \frac{r}{r}$$

$$\frac{a^r}{\epsilon} = \frac{bc}{r} \Rightarrow a^r = bc \Rightarrow a^r = b(rb-a) \Rightarrow a^r + ab - rb^r = 0$$

$$rb = a + c \Rightarrow c = rb - a$$

$$q = \frac{\frac{a}{r}}{b} \Rightarrow rq = \frac{a}{b} = \frac{c}{a}$$

$$a = -rb$$

$$rq = \frac{a}{b} = \frac{-rb}{b} = -r$$

$$rq = \frac{a}{b} = \frac{b}{b} = 1$$

$$b^r = ac \Rightarrow b = ar, c = ar^r$$

$$\epsilon a = rb + c \Rightarrow \epsilon a = ar + ar^r \Rightarrow \epsilon = r + r^r \Rightarrow r^r + r - \epsilon = 0 \Rightarrow (r + \epsilon)(r - 1) = 0$$

$$\frac{a_r}{a_r} = \frac{ar^r}{ar^a} = (r^r) = (-\epsilon)^r = -q\epsilon$$

$$\frac{a_r}{(a_r)^r} + \frac{a_r}{(a_r)^r} = r$$

$$\frac{dr^r}{dr^r} + \frac{dr}{a^r} = \frac{r^r}{a^r} + \frac{r}{a} = r \Rightarrow \left(\frac{r}{a} \right)^r + \frac{r}{a} - r = 0$$

$$\left(\frac{r}{a} + r \right) \left(\frac{r}{a} - 1 \right) = 0$$

$$\frac{r}{a} = -r$$

$$\frac{r}{a} = 1$$

$$a_r^r = a_r \Rightarrow \frac{a_r}{a_r} = a_r = q = aq^r = q \Rightarrow aq = 1$$

$$a_a = rv \Rightarrow a \cdot q^r = rv = aq^r = rv \Rightarrow q = r \Rightarrow a = \frac{1}{r}$$

$$\frac{1}{r} - a_i = r \Rightarrow \frac{1}{r} - \frac{1}{r} = \frac{1}{q}$$