$$\sqrt[n]{x^h + \sqrt[n+1]{a^n x^{n^2}}}$$

$$+\sqrt[n]{a^h + \sqrt[n+1]{a^n x^n}} = b$$

a>=0, b>=0, x>=0, b принадлежит N

y=V[n+1](x^n) y^(n+1)=x^n

c=V[n+1](a^n) c^(n+1)=a^n

(y^(n+1))^n=(x^n)^n y^(n+1)n=x^n*n

(c^(n+1))^n=(a^n)^n c^(n+1)n=a^n*n

$$\sqrt[n]{y^{h+1} + c \cdot y^n}$$

$$+\sqrt[n]{c^{h+1} + y \cdot c^n} = b$$

$$\sqrt[n]{y^h (y+c)}$$

$$+\sqrt[n]{c^h (c+y)} = b$$

$$(y+c)\sqrt[n]{(c+y)} = b$$

$$(y+c)^{1+\frac{1}{n}} = b \qquad (y+c) = b^{\frac{h}{n+1}}$$

$$y = b^{\frac{h}{n+1}} - c = b^{\frac{h}{n+1}} - a^{\frac{h}{n+1}}$$

$$x^{\frac{h}{n+1}} = b^{\frac{h}{n+1}} - a^{\frac{h}{n+1}} \quad \uparrow \frac{n+1}{h}$$

$$x = \left(b^{\frac{h}{n+1}} - a^{\frac{h}{n+1}}\right)^{\frac{n+1}{h}}$$