$$det(A) = I(VXIY - YOXN) = -4N$$

$$\frac{\det(h)_{z}(1+a)(-\gamma)-(n+a)(0)}{\det(v+a)(-\gamma)}=-\epsilon_{n-1}v_{a}$$

$$det(c) = a \left(a^{r} \left(a^{a} - v^{v}\right) - \left(a - a^{r}\right) + \left(a^{d} - a^{d}\right)\right) = 1$$

$$= a \left(a^{r} - a^{r} - a^{r}\right) = -a + a + a^{r} - a$$