$$det A = \begin{vmatrix} 1 & -h & 0 & 0 \\ 0 & 1 & -h & 0 \\ 1 & 0 & -1 & +h & 0 & -h \\ 1 & 0 & -1 & +h & 0 & -h \\ 1 & 0 & -1 & +h & 0 & -h \\ 1 & 0 & -1 & +h & 0 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & 1 & -h \\ 1 & 0 & -1 & -h & -h \\ 1 & 0 & -1 & -h & -h \\ 1 & 0 & -1 & -h & -h \\ 1 & 0 & -1 & -h & -h \\ 1 & 0 & -1 & -h & -h \\ 1 & 0 & -1 & -h & -h \\ 1 & 0 & -1 & -h & -h \\ 1 & 0 & -1 & -h & -h \\ 1 & 0 & -1 & -h & -h \\ 1 & 0 & -1 & -h & -h \\ 1 & 0 & -1 & -h & -h \\ 1 & 0 & -1 & -h \\ 1 &$$

$$\lambda^{2} + \lambda - 1 = 0$$

$$\Delta = 1 + 4 = 5$$

$$\lambda = \frac{-1 + \sqrt{5}}{2}$$

$$\frac{-1 + \sqrt{5}}{2}$$