

$$\begin{array}{l}
 \text{HHHH} = | | | | - | | X - | X | + | X \\
 - | X X - | X - X | | + X X \\
 + X X | - X X + X \text{ (red)} \\
 + X \text{ (red)} - X \text{ (red)} + X \text{ (red)} \\
 + \dots
 \end{array}$$