

$$\mathfrak{h}_{-\infty}^{m+1} \longleftarrow \mathfrak{h}_{-\infty}^m$$

$b^\#$

$$\mathfrak{L} b^\# \mathfrak{A} = \mathfrak{L} b \mathfrak{A}$$

$$b_{m+1}^\# b_m^\# = 0$$

$$\mathfrak{h}/\mathfrak{h}_0 \mathfrak{h}_{-\infty}^{m+1} \longleftarrow \mathfrak{h}/\mathfrak{h}_0 \mathfrak{h}_{-\infty}^m$$

$b^\#$