$$\hslash \underset{-\infty}{\searJoin} \mathbb{1}^{m+1} \longleftarrow \hslash \underset{-\infty}{\searJoin} \mathbb{1}^{m}$$
$$\flat^{\sharp}$$

$$\smile \underline{\flat^{\sharp}\, \urcorner} = \underline{\smile \flat}\, \urcorner$$

$$\flat^{\sharp}_{m+1}\, \flat^{\sharp}_{m} = 0$$

$$\hslash/\hslash_0 \underset{-\infty}{\searJoin} \mathbb{1}^{m+1} \longleftarrow \hslash/\hslash_0 \underset{-\infty}{\searJoin} \mathbb{1}^{m}$$
$$\flat^{\sharp}$$