$= \{(g, b) \in \mathfrak{g} \times \mathcal{B} \mid g \in b\}$

$$\begin{array}{ccc} \tilde{\mathfrak{g}} & & \mu^{-1}(0) = \mathcal{B} = \mathbb{P}^1 = \mathcal{B}_0 \\ \mu \downarrow & & \downarrow \\ \mathfrak{g} & & 0 \end{array}$$

$\mathfrak{g} = \mathfrak{sl}_2.$

$$\boxed{\tilde{\mathfrak{g}} \times_{\mathfrak{g}} \tilde{\mathfrak{g}}}$$

$?^{u_i}(12): H^{BM}_{\bullet}(\mathbb{P}^1) \longrightarrow H^{BM}_{\bullet}(\mathbb{P}^1).$ $\quad W[Q].$

$\mathbb{Z} \quad n=0 \qquad \mathbb{Z} \quad n=0$

$\mathbb{Z} \quad n=1 \qquad \mathbb{Z}. \quad n=1$

$$\Lambda_w \subset \tilde{\mathfrak{g}} \times_{\mathfrak{g}} \tilde{\mathfrak{g}}$$

$$:= \overline{\{(wg,\ g) \in \tilde{\mathfrak{g}}^{sr} \times_{\mathfrak{g}^{sr}} \tilde{\mathfrak{g}}^{sr}\}}$$

$$\mathcal{B}_0 \subset \tilde{\mathfrak{g}} = \tilde{\mathfrak{g}} \times_{\mathfrak{g}} \mathfrak{g}$$

$$\Lambda_w \circ \mathcal{B}_0 = \mathcal{B}_0 \quad \rightsquigarrow \quad H^{BM}_{\bullet}(\Lambda_w) \times H^{BM}_{\bullet}(\mathcal{B}_0) \to H^{BM}_{\bullet}(\mathcal{B}_0)$$

$$[\Lambda_w] : \underset{\mathbb{C}}{\underset{\cong}{H^{BM}_1(\mathcal{B}_0)}} \to \underset{\mathbb{C}}{\underset{\cong}{H^{BM}_1(\mathcal{B}_0)}}$$