$$\frac{V}{\mathbb{C}} = \int_{dg}^{G} \chi_V (g)$$

$$\mathcal{C}_0^{-\infty} (\mathfrak{g}) \in u \text{ distributions at } 0$$

$$\frac{\int_{dX}^{\mathfrak{g}} \mathfrak{e}^{-\overset{2}{\ulcorner X \urcorner}} f(X)}{\int_{dX}^{\mathfrak{g}} \mathfrak{e}^{-\overset{2}{\ulcorner X \urcorner}}}$$

Marsden-Weinstein

$$M \rtimes G \xrightarrow[\text{plec}]{} M$$

$$M \xrightarrow{\mu} \mathfrak{g}^{\sharp}$$

$$M//G = \mu^{-1}(0)/G$$

$$L \in K_G(M)$$

$$\mathrm{ch}_G(L) = \exp\left(\omega_m (X_m{:}X_m) + \mu_m X\right)$$

$$\mathcal{H}(M//G) = \frac{\pi_*(L)}{\mathbb{C}}$$