

$$X^{\mathbb{C}} \subset X^{\mathbb{C}} = G^*/K$$

$$S = X = K/L$$

$$X^{\mathbb{C}} \triangleleft_w^2 \mathbb{C}$$

$$\varrho^\nu$$

$$X \triangleleft_w^2 \mathbb{C}$$

$${}^u \overline{\varrho^\nu \psi} = {}^{u-\nu/2} X^{\mathbb{C}} {}^u \psi = \frac{{}^u \psi}{u \Delta^{\nu/2}}$$

$${}^u \overline{\varrho^\nu \Delta_{-w}^\nu} = \frac{1 + u\tilde{w} \Delta^\nu}{u \Delta^{\nu/2}}$$