

$$q_{\bullet \varrho: \nu} + q_{\bullet \varrho: -\nu} = E_{1+\frac{1}{2}\nu} \frac{\zeta^* \left(\frac{\varrho-\nu}{2} \right) \zeta^* \left(\frac{\varrho+\nu}{2} \right)}{\zeta^* (\nu)}$$

$$\zeta^* (s) = \pi^{-s/2} \Gamma_{s/2} \zeta (s)$$

$$\left(\Delta - \frac{1-\nu^2}{4} \right) q_{\bullet \varrho: \nu} = \delta^\varrho \text{ 1-dimensional automorphic object}$$

$$\delta^\varrho = \int_{\mathbb{R}}^{d\lambda} E_{1-\frac{1}{2}\lambda i} \frac{\zeta^* \left(\frac{\varrho-\lambda i}{2} \right) \zeta^* \left(\frac{\varrho+\lambda i}{2} \right)}{\zeta^* (1+\lambda i)} + E_{1+\frac{1}{2}\varrho} + E_{3-\frac{1}{2}\varrho} + \sum_{p:j \text{ ev}} L^* \left(\varrho/2: M_{p:j} \right) M_{p:j}$$

$L^* (s: M)$ full L-series

$$\mathcal{E}_\nu \underset{\text{Radon}}{\iff} E_{1-\frac{1}{2}\nu}$$

$$\mathcal{M}_{p:j} \underset{\text{Radon}}{\iff} M_{p:j}$$