

1. Let ℓ be the line $y = -\sqrt{3}x + 2$. Compute $\Omega_\ell \rho_{0, -\frac{\pi}{3}}$ explicitly.
2. Compute $\rho_{(2,0), \frac{\pi}{3}} \rho_{0, \frac{2\pi}{3}}$ explicitly.
3. Compute $\rho_{(1, \sqrt{3}), -\pi} \rho_{0, \pi}$ explicitly.