

**Author's Comments on "Transitions Densities and Traces ..." by  
Applebaum and Trang**

There are a few typos that we've found.

- In the proof of Theorem 4.4 (1)  $\Rightarrow$  (3), an unwanted adjoint has crept into the display. So we should have  $\sum_{\pi \in \widehat{G} \setminus \widehat{G}_0} d_\pi \text{tr}(\widehat{\mu}_t(\pi)\pi(g))$ , at the beginning of it. The argument still works as  $\|A\|_{HS} = \|A^*\|_{HS}$ . In the same display, the first  $\leq$  should be  $=$ , and on the following line the  $=$  should be  $\leq$ .
- In the line below equation (5.7),  $e^{-\kappa_\pi^\alpha}$  should be  $e^{-t\kappa_\pi^\alpha}$ .
- On page 499, +3 of the published version, " $G$  is a compact symmetric space..." should read " $S$  is a compact symmetric space..."