

Author's comment on "Pseudo-differential operators and Markov semigroups on compact Lie groups."

- Four lines above Theorem 2.1, we should have  $\Phi_t : E \times \Omega \rightarrow E$  and not  $\Phi_t : E \times \Omega \rightarrow \Omega$ .
- The definition of Lévy measure given in this paper isn't quite right. It has the same defect as that in "Some  $L^2$ -properties of semigroups of measures on Lie groups." See the comment there for the correct formulation. Similarly the definition of the Lévy kernel in section 6 should read

$$\sup_{g \in G} \int_{G-\{e\}} \left( \sum_{i=1}^n x_i(\sigma)^2 \right) \nu(g, g d\sigma) < \infty \text{ and } \sup_{g \in G} \nu(g, gU^c) < \infty$$

for all neighbourhoods  $U$  of  $e$ .

This does not affect any of the results in the paper.

- In (5.22), (5.23) and (6.24),  $\int_{G-\{e\}}$  should be  $\int_G$ .