Corrections to
"Heat kernel upper bounds for jump processes and the first exit time" by M.T. Barlow, A. Grigor'yan and T. Kumagai

Page 152, (3.3): e^{-H_s} is missing in the integrant. The right formula is the following:

$$\mathbb{P}^x(X_t \in B) = \mathbb{P}^x(Y_t \in B, T_1 > t) + \mathbb{E}^x \int_0^t \int_B r_{t-s}(Y_s, z) e^{-H_s} N(Y_s) \mu(dz) ds.$$

Page 153, Line 9: e^{-H_s} is missing in the integrant. The right formula is the following:

$$\mathbb{P}^x(X_t \in B | \mathcal{F}_\infty^Y) = 1_{\{X_t \in B\}} e^{-H_t} + \int_0^t r_{t-s}(Y_s, B) e^{-H_s} N(Y_s) ds.$$