Correction to "Heat Kernel Estimates and Parabolic Harnack Inequalities on Graphs and Resistance Forms".

Page 802, Line (-6): The definition of local should be modified as follows: for each $u, v \in \mathbf{R}^X$ where Supp u and Supp v are disjoint, $\mathcal{E}(u+v, u+v) = \mathcal{E}(u,u) + \mathcal{E}(v,v)$. (This change is needed when proving that $\mathcal{F} \cap C_0(X)$ is dense in $C_0(X)$, which is in the proof of regularity for $(\mathcal{E}, \mathcal{F})$).

Page 803, (UVD): The definition of (UVD) should be w.r.t. $\hat{B}(x,r)$; i.e. $C_1 V(r) \le \mu(\hat{B}(x,r)) \le C_2 V(r)$ for all $x \in X, r \in [0, R_X)$. This change is needed in the proof of Lemma 4.1 below.

Page 805 Remark 5: This generalization cannot be obtained by a simple modification of the proof given in this paper. (There are problems in the proof of off-diagonal estimates.) The author not know if the fact in Remark 5 is true or not.

Page 807, Proof of Lemma 4.1: Throughout the proof, balls should be $\hat{B}$, NOT the connected component of the center of the ball. (Otherwise, the fact in Line (-12) does not hold, since $z_i \notin B(x, c_1 r)$ does not imply $R(x, z_i) \ge c_1 r$.) In the end of the proof, add a remark that $R(x, B(x,r)^c) = R(x, \hat{B}(x,r)^c)$, which is an easy consequence of the definition of $\hat{B}(x,r)$.

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