Errata for *Set transformations, symmetrizations and isoperimetric inequalities*

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**Proof of Lemma 3, p. 147**  One should replace $u_k$ by $u$ in the second and third lines of the inequality. One should thus read

$$
\int_{\mathbb{R}^{2N}} \frac{|u_k(y) - u_k(x)|^p}{|y - x|^p} \varrho_n(|y - x|) \, dx \, dy
$$

$$
\int_{\mathbb{R}^{2N}} \frac{\varrho_n(|y - x|)}{|y - x|^p} \left( \int_{\mathbb{R}^N} |u(y - z) - u(x - z)| \gamma_k(z) \, dz \right)^p \, dx \, dy
$$

$$
\int_{\mathbb{R}^{2N}} \frac{\varrho_n(|y - x|)}{|y - x|^p} \left( \int_{\mathbb{R}^N} |u(y - z) - u(x - z)|^p \gamma_k(z) \, dz \right) \, dx \, dy
$$

$$
= \int_{\mathbb{R}^N} \gamma_k(z) \left( \int_{\mathbb{R}^{2N}} \frac{|u(y - z) - u(x - z)|^p}{|y - x|^p} \varrho_n(|y - x|) \, dx \, dy \right) \, dz
$$

$$
= \int_{\mathbb{R}^{2N}} \frac{|u(y) - u(x)|^p}{|y - x|^p} \varrho_n(|y - x|) \, dx \, dy.
$$

(Thanks to Almut Burchard for pointing this out.)

**Proposition 8, p. 149**  The inequality sign should be reversed in the first inequality. One should read

$$
F(a,c) + F(b,d) \geq F(a,d) + F(b,c).
$$

(Thanks to Augusto Ponce for pointing this out.)

**Theorem 3, p. 150**  The inequality sign should be reversed in the first inequality. One should read

$$
F(a,c) + F(b,d) \geq F(a,d) + F(b,c).
$$

(Thanks to Augusto Ponce for pointing this out.)