Spline qualocation methods for boundary integral equations

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Lemma A.3 in the Appendix should read:

Lemma A.3. *Let $\alpha > 0$. Then for $(x, y) \in [0, 1] \times [0, \frac{1}{2}]$,*

- (1) $1 + y^\alpha G_\alpha^+(x, y) \geq 0$ with equality if and only if $(x, y) = (\frac{1}{2}, \frac{1}{2})$.
- (2) $H_\alpha^+(x, y) \leq 0$ if $x \in [0, \frac{1}{2}]$, $H_\alpha^+(x, y) \geq 0$ if $x \in [\frac{1}{2}, 1]$.
- (3) $1 + y^\alpha G_\alpha^-(x, y) \geq 0$ with equality if and only if $(x, y) = (0, \frac{1}{2})$.
- (4) $H_\alpha^-(x, y) \geq 0$ if $x \in [0, \frac{1}{2}]$, $H_\alpha^-(x, y) \leq 0$ if $x \in [\frac{1}{2}, 1]$.

The corrections, to parts (2) and (4) only, have no other effects on the paper.