

Corrections for the book

**Semismooth Newton Methods for Variational Inequalities and
Constrained Optimization Problems in Function Spaces**

by Michael Ulbrich

MOS-SIAM Series on Optimization, MO11, SIAM, 2011.

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- p. 50, Assumption 3.17: In (a) and (b), replace
“as $\|s_k\|_Y \rightarrow 0$.” by “as $\|s_k\|_{Y_0} \rightarrow 0$.”
- p. 50, Assumption 3.17:
In (a), add after “... in step 1.”:
“Further, there holds $\|s_k\|_{Y_0} \rightarrow 0$ as $\|B_k s_k\|_Z \rightarrow 0$.”
- p. 62, Theorem 3.53:
“Under Assumption 3.32” \rightarrow “Under Assumption 3.37”
- p. 74: Assumption 3.63:
In (a) and (b), replace
“as $\|s_k\|_{L^p} \rightarrow 0$.” by “as $\|s_k\|_{L^r} \rightarrow 0$.”
- p. 74: Assumption 3.63:
In (a), add after “... in step 1.”:
“Further, there holds $\|s_k\|_{L^r} \rightarrow 0$ as $\|B_k s_k\|_{L^r} \rightarrow 0$.”