## On a Fixed Point Problem Transformation Method CORRECTIONS AND SUPPLEMENTS

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## Corrections:

- 1. Page 182, line  $7 \downarrow$ : (5) If **B** is at most singleton-valued and *B* has a unique fixed point, ...
- 2. *Page 182, line 11* ↑: From part 4.
- 3. *Page 182, line*  $8 \uparrow$ : ... we analyse *B*. From
- 4. *Page 183, line 14*  $\uparrow$ :  $y_0 = ...$
- 5. *Page 183:* delete lines  $2,3 \uparrow$ .
- 6. *Replace footnote 6 on page 183 by:* Note that by part 4, the sets  $\varphi_i(B_i(y))$  and  $\varphi_i(B_i(y'))$  are singletons.
- 7. *Page 184, line 1*  $\downarrow$ : 6. By contradiction suppose ...
- 8. *Page 185, line*  $9 \downarrow$ : It follows that  $\lim_{j\to\infty} (\varphi_i \circ \tilde{R}_i)(y_j (\varphi_i \circ B_i)(y_j)) = +\infty$ . As  $\varphi_i \circ \tilde{R}_i$  is bounded, this is
- 9. Page 186, line  $15 \downarrow$ : ... Proposition 4.2(2) guarantees that
- 10. Page 186, line  $18 \downarrow$ : 3. In the proof of part 2 we have seen that ...
- 11. page 188, line  $1 \downarrow : ...$  function  $\tilde{R}_i : T_i \rightarrow X_i$  is ...
- 12. page 188, line  $8 \downarrow : ...$  is decreasing and **B** is at most singleton-valued, then ...
- 13. page 188, line  $10 \downarrow : ... (3)$  If **B** is at most singleton-valued and for every  $i \in N$  and ...
- 14. page 188, line  $15 \downarrow : ... 4.3(2)$  guarantees ...
- 15. page 188, line  $17 \downarrow : ... 4.3(3)$  guarantees ...

Comments:

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Further reading:

If you think that some other things should be added here, then please let me know.