

## Model Predictive Control: Theory, Computation, and Design 2nd Edition

### Errata for Second Edition, First Printing

Check [www.che.wisc.edu/~jbrow/mpc](http://www.che.wisc.edu/~jbrow/mpc) for a current list

May 15, 2018

1. Page 114, Assumption 2.14 (a). Change  $\ell(x, u)r$  to  $\ell(x, u)$  in the last inequality.
2. Page 366, Exercise 5.5. Change  $d_H(\mathbb{A} \oplus \mathbb{C}, \mathbb{B} \oplus \mathbb{C}) = d_H(\mathbb{A}, \mathbb{B})$  to  $d_H(\mathbb{A} \oplus \mathbb{C}, \mathbb{B} \oplus \mathbb{C}) \leq d_H(\mathbb{A}, \mathbb{B})$ . Thanks to Dr. Saša V. Raković for pointing out this erratum.
3. Page 366, Exercise 5.5. Delete the phrase, “satisfying  $\mathbb{B} \subseteq \mathbb{A}$ .”
4. Page 366, Exercise 5.6. Delete the phrase, “satisfying  $\mathbb{A} \subseteq \mathbb{B}$ .”
5. Page 366, Exercise 5.8. Replace + with  $\oplus$  (two places).
6. Page 329, Exercise 4.7, 3rd line. Change, “let  $y(\cdot)$  be any  $\mathcal{K}$  function,” to “let  $y(\cdot)$  be any  $\mathcal{K}$  function and  $a_i \in \mathbb{R}_{\geq 0}, i \in \mathbb{1}_{1:n}$ .”
7. Page 527, 5 lines from bottom. Change “plus  $n$  forward sweeps,” to “plus  $m$  forward sweeps.”