Erratum to the Ph.D. thesis
“Agregation Operators for Multicriteria Decision Aid”
by Jean-Luc Marichal

- Page 2, line -13: “In order to avoid a heavy notation”
- Page 5, line -5: “in more detail”
- Page 6, line 11: “the formulation”
- Page 8, Eq. (1.12): “\(M(u_1(x_1^n), \ldots, u_n(x_n^n))\)”
- Page 19, line 14: “which is”
- Page 23, Definitions 2.2.18–2.2.20: “comonotonic vectors \(x, x' \in E^n\).”
- Page 38, line 15: Replace “in the sequel” with “as we continue”. Idem page 48 line 7, page 59 line 5, page 137 line 9–10, page 140 line -3.
- Page 38, line 18: “for all \(x, y \in [a, b]\)”.
- Page 48, line 11: “all \(x \in [a, b]^n\)”.
- Page 65, line 14: “which cover \(\mathbb{R}^n\)” instead of “which partition \(\mathbb{R}^n\)”.
- Page 65, Definition 3.4.1: Since the function \(B_{c}^{\vee \wedge}\) is defined in \(\mathbb{R}^n\), its first expression given in line 9 is not correct. Instead, we just write

\[
B_{c}^{\vee \wedge}(x) = \bigvee_{T \subseteq N} \bigwedge_{i \in T} x_i.
\]

- Page 66, idem in line 3. We just write

\[
\bigwedge_{T \subseteq N} \bigvee_{i \in T} x_i.
\]

- Page 87, line 16: “Here we follow...” instead of “In the sequel, we follow...”
- Page 88, line 17: “From now on...” instead of “In the sequel...”. Idem page 204 line 13, page 217 line -4.
- Page 96, Lemma 4.2.3: “and if \(\theta_S \in \{0, 1\}\)” instead of “and if \(\theta_S \in \{0, 1\}^n\)”
• Page 98, line -8: Replace ‘,’ with ‘.’

• Page 116, line -16: The displayed formula should be

\[
\text{owmin}_{\omega'}(x) = \bigwedge_{i=1}^{n} (\omega'_i \lor x(i)), \quad x \in [0,1]^n.
\]

• Page 143, Eqs. (5.49) and (5.50): Replace ‘;’ with ‘.’

• Page 149, line 3: “With a matrix notation, this...”

• Page 149, line 8: “correspondence”

• Page 160, line 3: “in more detail”


• Page 197, line -10: “strictly concave function”

• Page 199, line 14: “all \( x, x' \in [0,1]^n \)”


• Page 217, line 5: “Using the notation”