

Errata

The known mistakes in UMCS-91-1-1 and how they should be corrected.

- Page 32, Line +2: substitute ‘of’ for ‘of of’
- Page 32, Line +2: substitute ‘each finite’ for ‘each’
- Page 47, Line –10: remove ‘valid’
- Page 62, Section 11.2.1: substitute ‘*a_dcl*’ for ‘*a-dcl*’
- Page 69, Line –10: substitute ‘*I*’ for ‘ $\overleftarrow{Inv} \Rightarrow Inv$ ’
- Page 75:
 - Line –9: substitute ‘*I*’ for ‘ $Dyn \wedge (\overleftarrow{Inv} \Rightarrow Inv)$ ’
 - Line –4: substitute ‘0’ for ‘*j*’
- Page 77, Line +7: substitute ‘ $\neg Empty(1)$ ’ for ‘ $\neg Empty(l)$ ’
- Page 81, Line +11: substitute ‘ $\overleftarrow{TrmS} \wedge \overleftarrow{Flag}$ ’ for ‘ \overleftarrow{TrmS} ’
- Page 82:
 - Line +12: substitute ‘ $(L \cup \{Min\} = \overleftarrow{L} \vee L = \overleftarrow{L})$ ’ for ‘ $L \cup \{Min\} = \overleftarrow{L}$ ’
 - Line +16: substitute ‘ $(S \cup \{Max\} = \overleftarrow{S} \vee S = \overleftarrow{S})$ ’ for ‘ $S \cup \{Max\} = \overleftarrow{S}$ ’
- Page 83:
 - Line +9: same as on Page 82, Line +16
 - Line +14: same as on Page 82, Line +12
- Page 84:
 - Line –14: same as on Page 82, Line +12
 - Line –10: same as on Page 82, Line +16

- Page 86:
 - Line +12: same as on Page 82 Line +16
 - Line +17: same as on Page 82 Line +12
- Page 100, Line +8: substitute ‘,’ for ‘.’
- Page 117: substitute the two occurrences of ‘ $x_n := r_{x_n}$ ’ by ‘ $x_w := r_{x_w}$ ’
- Page 117: substitute the occurrence of ‘ $1 \leq k \leq n$ ’ by ‘ $1 \leq k \leq w$ ’
- Page 117: substitute the occurrence of ‘ $1 \leq j < k \leq n$ ’ in the footnote by ‘ $1 \leq j < k \leq w$ ’
- Page 118, Line +14: substitute ‘then $Rel[R, V, U]$ denotes the assertion’ by ‘then $Rel[R, V, U]$, $Rel_1[R, V, U]$ and $Rel_2[R, V, U]$ denote respectively the assertions:’
- Page 118, Line +15: substitute the full stop by comma and insert the following

$$\begin{aligned} & (R \wedge (h = 3 \curvearrowright \overleftarrow{h} \vee h \equiv 2 \curvearrowright \overleftarrow{h}) \wedge \\ & \quad \bigwedge_{v \in V} h_v = [\underline{v}] \curvearrowright \overleftarrow{h}_v \wedge \underline{\quad} \\ & \quad \bigwedge_{u \in U} h_u = [h_u(1)] \curvearrowright \overleftarrow{h}_u)^*, \end{aligned}$$

$$\begin{aligned} & (R \wedge (h = 3 \curvearrowright \overleftarrow{h} \vee h \equiv 1 \curvearrowright \overleftarrow{h}) \wedge \\ & \quad \bigwedge_{v \in V} h_v = [\underline{v}] \curvearrowright \overleftarrow{h}_v \wedge \underline{\quad} \\ & \quad \bigwedge_{u \in U} h_u = [h_u(1)] \curvearrowright \overleftarrow{h}_u)^*. \end{aligned}$$

- Page 118, Line +17: substitute ‘function Rel records any update due to the overall’ by ‘ Rel functions record any update due to the relevant’
- Page 118, Line +18: substitute ‘ Rel ’ by ‘the Rel functions’
- Page 118, Line –12: substitute the left-most occurrence of ‘ $::$ ’ by ‘sat’

- Page 119:
 - Line –15: substitute ‘ $Rel_1[\text{true}, \vartheta, U]$ ’ for ‘ $Rel[\text{true}, \vartheta, U]$ ’
 - Line –14: substitute ‘ $Rel_2[\text{true}, \vartheta, U]$ ’ for ‘ $Rel[\text{true}, \vartheta, U]$ ’
- Page 121:
 - Line +4: substitute ‘ $Rel_2[\text{true}, \vartheta', U]$ ’ for ‘ $Rel[\text{true}, \vartheta', U]$ ’
- Page 125:
 - Line –8: substitute ‘ $Rel_1[\text{true}, \vartheta, U]$ ’ for ‘ $Rel[\text{true}, \vartheta, U]$ ’
 - Line –7: substitute ‘ $Rel_2[\text{true}, \vartheta, U]$ ’ for ‘ $Rel[\text{true}, \vartheta, U]$ ’
- Page 130:
 - Line –8: substitute ‘ $Rel_1[\text{true}, \vartheta \cup \alpha, U]$ ’ for ‘ $Rel[\text{true}, \vartheta \cup \alpha, U]$ ’
 - Line –7: substitute ‘ $Rel_2[\text{true}, \vartheta \cup \alpha, U]$ ’ for ‘ $Rel[\text{true}, \vartheta \cup \alpha, U]$ ’
- Page 149, [Bac59]: substitute ‘conference’ for ‘conferance’
- Page 151, [Gol90]: substitute ‘Conference’ for ‘Conferance’