Design, modelling and operation of a 100 kW chemical-looping combustor for solid fuels

Pontus Markström
Department of Energy and Environment
Chalmers University of Technology
SE-412 96 Göteborg, Sweden

Errata

1. Jacket page v, Publications: The title of Paper VI has changed to: "Analytical model of gas conversion in a 100 kW chemical-looping combustor for solid fuels - comparison with operational results"
2. Jacket page 30, Eq. (3.7): $dt \rightarrow dt'$
3. Jacket page 48, Fig. 4.10: The x-axis should be labelled AR flow (L_n/min)
4. Jacket page 50, Section 4.7.4: "$F_0 = 5$ kg/h" should be "steam flow of 5 kg/h"
5. Jacket page 50, Table 4.3: k_{F,CH_4} should be 1 m_n^3/(tonne·s)
6. Jacket page 50, Table 4.3: κ should be 0.72 (char) and 0.33 (full)
7. Jacket page 50, Table 4.3: $\phi_{s,core}$ should be 0.90 for γ_c
8. Jacket page 50, Table 4.3: ξ should be 0.70
9. Jacket page 57, Nomenclature: The Froude number in fluid dynamics is $u_0^2/(gD)$
10. Jacket page 69, Appendix A.1: "Refill particles to CY2" should be "Refill particles to AR or FR"