

Correction to: Novel Method and Molten Salt Electrolytic Cell for Implementing a Hydrogen Fuel, Sustainable, Closed Clean Energy Cycle on a Large Scale



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Correction to:
**Chapter 13 in: E. Motoasca et al. (eds.), *Energy Sustainability in Built and Urban Environments, Energy, Environment, and Sustainability*,
https://doi.org/10.1007/978-981-13-3284-5_13**

The original version of the book was inadvertently published with the below-mentioned typesetting errors in Chapter 13.

- (1) In **Pg. 281, Paragraph 1, Lines 13 & 14**, the word “U.S.A.” must be in one line.
- (2) In **Pg. 287, Table 13.2, Row 1 Col 1**, comma should be inserted as shown: 1996), 6360
- (3) In **Pg. 288, Eq. (13.12)**, “*D*” should be replaced with italicized “*Δ*” as in the original manuscript as shown below:

$$\Delta G = \Delta H - T\Delta S \quad (13.12)$$

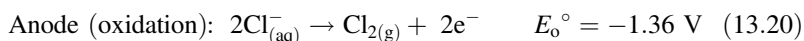
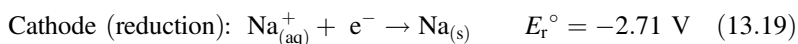
- (4) In **Pg. 289, Eq. (13.14)**, commas and blank space after commas in “1, 202, 300” and “96, 485.3365” should be eliminated as shown below:

$$E_{\text{CELL}} = \Delta G / (-n \cdot F) = 1202300 \text{ J} / (-4 \cdot 96485.3365 \text{ C/mol}) = -3.11 \text{ V} \quad (13.14)$$

- (5) In **Pg. 294, First paragraph, Line 5**, “and” should be replaced with “to” as in the original manuscript as shown: concentrated up to 252.18 grams

The updated version of this chapter can be found at
https://doi.org/10.1007/978-981-13-3284-5_13

- (6) In **Pg. 295, Eqs. (13.19) and (13.20)**, blank space between the text and colons in “(reduction):” and “(oxidation):” should be eliminated as shown below:



- (7) In **Pg. 297, Paragraph 2, Line 2**, “and” should be replaced with “to” as in the original manuscript as shown: (950 °C) to 1323.15 K
- (8) In **Pg. 299, Fig. 13.8 Caption**, comma should be eliminated as shown: E_{CELL} of the
- (9) In **Pg. 301, Last paragraph, Line 6**, comma should be inserted as shown: $\Delta H_{\text{f}}^{\circ}$, and standard
- (10) In **Pg. 302, Table 13.12 Footnote^a**, extra “1” should be eliminated as in the original manuscript as shown: $P = 10477005 \text{ Pa}$
- (11) In **Pg. 307, Fig. 13.11 Caption**, comma should be eliminated and letter “ E ” must be italicized as shown: E_{CELL} of the
- (12) In **Pg. 308, Paragraph 1, Line 8**, sentence should be reformulated as follows: The electrolytic cell operates at a high temperature range, between 1223.15 K (950 °C) to 1323.15 K (1050 °C), which enables the fused salt(s) in the crucible to become completely anhydrous by evaporating any residual water (H_2O) content from the salt(s) including the H_2O produced at the cell anode.
- (13) In **Pg. 310, Reference “Dlugokencky EJ ...”**, brackets “[...]” should be eliminated for consistency with other similar references as shown: (eds) State of the climate in 2015. Bulletin of
- (14) In **Pg. 312, Reference “Steinhauser G”**, “Solvay” must be capitalized as shown: in the Solvay process
- (15) In **Pg. 312, Reference “Stern AG (2017)”**, comma should be eliminated as shown: Janda ZS (eds) Recent

The corrected chapter and the book have been updated with the changes.