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John Temidayo Falade* (jtf037@shsu.edu). *Completeness Theorem for Zero-Order Logic*. Preliminary report.

Zero-order logic consists of the fragment of first-order logic with no quantifier symbols. We prove the completeness theorem for zero-order languages that contain only the predicate symbol of "=" which we call the equality symbol. We conclude with a sketch of the completeness theorem for general first-order logic. (Received September 17, 2019)