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**Francine F. Abeles\*** (fabeles@kean.edu), Department of Mathematics & Computer Science,  
1000 Morris Avenue, Union, NJ 07083. *Lewis Carroll's Diagrammatic Logic System For  
Syllogisms*. Preliminary report.

Between 1886 and 1896, Charles L. Dodgson (Lewis Carroll) constructed a diagrammatic logic system. He used the system in several ways: to draw conclusions in syllogisms and soriteses, as a technique to reduce the nineteen (or more) forms of the syllogism to just three forms, to classify fallacies, and most importantly, as a proof method for syllogisms. In this paper, I will describe this proof method and show that it is sound and complete. (Received June 09, 2005)