It is also worth noting that the measures of the members of $\mathcal{L}(1/6)$ given above yield a simple formula expressing ϕ in terms of the series

$$y \equiv \sum_{j=0}^{\infty} \binom{3j+1}{j} 2^{-3j} \quad \text{and} \quad z \equiv \sum_{j=0}^{\infty} \binom{3j+2}{j} 2^{-3j}.$$

For,

$$\sum_{j=0}^{\infty} \nu(L_j) = \nu(S) = 1 = \phi^2 + \phi$$

implies $\phi y/4 + \phi^2 z/8 = \phi$; hence, $\phi = 2(4 - y)/z$. Note that

$$y/4 = 1/(\phi\sqrt{5}) \quad \text{and} \quad z/8 = 1/\sqrt{5}.$$

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Announcement

FIFTH INTERNATIONAL CONFERENCE ON FIBONACCI NUMBERS AND THEIR APPLICATIONS

Monday through Friday, July 20-24, 1992

Department of Mathematical and Computational Sciences
University of St. Andrews
St. Andrews KY169SS
Fife, Scotland

Local Committee
Dr. Colin M. Campbell, Co-Chairman
Dr. George M. Phillips, Co-Chairman

This conference will be sponsored jointly by the Fibonacci Association and the University of St. Andrews. Papers on all branches of mathematics and science related to the Fibonacci numbers as well as recurrences and their generalizations will be welcome. A call for papers will appear in the August 1991 issue of *The Fibonacci Quarterly* as will additional information on the Local and International Committees.