

Understanding **PURE MATHEMATICS**

A.J. Sadler D.W.S. Thorning

$$\lim_{n \rightarrow \infty} \sum_{r=0}^n 2^{-r} = 2$$

$$\sum_{r=0}^{\infty} 2^{-r} = 1 + \frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \frac{1}{16} + \frac{1}{32} + \frac{1}{64} + \dots$$

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Understanding Pure Mathematics Sadler

**Ian Anders Gadd, Simon Eliot, Keith
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