

KARAKTERISTIK SEGITIGA LUCAS

Title	KARAKTERISTIK SEGITIGA LUCAS
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Abstract	<p>Lucas triangle is an array of coefficients of a polynomial forming a pattern which is similar to Pascal triangle. This research studies Lucas triangle and its properties. The research results show that every row in Lucas triangle is begun by the number 1 and is ended by the number 2, the sum of the first n terms of number of 1th column is equal to the number at nth row, 2nd column. Besides, the number at nth row and jth column of Lucas triangle is L_{n-j}, the sum of the first n terms of number of jth column is equal to the number at nth row, jth column for $n \geq j$. The number of Lucas triangle is the sum of two number terms in preceded row, that is the number at $n-1$th row, jth column and the number at $n-2$th row, jth column. Then, the sum of coefficients of each nth row of Lucas triangle is L_{n+1}.</p>
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