



**REPRESENTATION OF THE LIE ALGEBRA  $sl(2)$   
AND MODIFIED LAGUERRE  
POLYNOMIALS**

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Received October 14, 2019

**Abstract**

We give a representation of the Lie algebra  $sl(2)$  using the modified Laguerre polynomials.

**Keywords and phrases:** Lie algebra  $sl(2)$ , modified Laguerre polynomials.

**Pioneer Journal  
of Mathematics  
and Mathematical  
Sciences**



**Pioneer Scientific  
Publisher**