## Finding Appell convolution of certain special polynomials

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## Abstract

In this article, the truncated exponential-Gould-Hopper polynomials are taken as base with the Appell polynomials to introduce a hybrid family of truncated exponential-Gould-Hopper-Appell polynomials. These polynomials are framed within the context of monomiality principle and their determinant definition and properties are established. Further, we investigate some members belonging to this family. In addition graphical representation and zeros of these members are demonstrated using computer experiment.

## Hosted file

AppellConv.pdf available at https://authorea.com/users/295631/articles/424358-finding-appell-convolution-of-certain-special-polynomials

















