

Vieta-Lucas wavelets

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In this talk we deal with Vieta-Lucas wavelets. In particular, we discuss the differentiability of Vieta-Lucas wavelets. We use this wavelet family to reconstruct a function by the introduction of connection coefficients. Moreover, we compare Vieta-Lucas wavelets and Chebyshev wavelets together with their main applications. Finally, we give an application in fractional calculus.

References

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