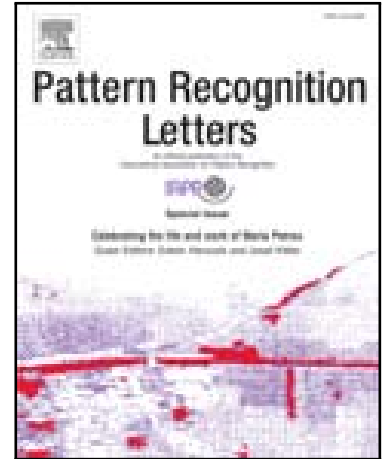


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Some computational aspects of Tchebichef moments for higher orders

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Highlights

- It is proposed a new recurrence algorithm for Tchebichef moments.
- Gram-Schmidt process helps to reduce numerical instability.
- Tchebichef moments are calculated for large lengths and higher orders.
- The importance of the orthogonality preservation has been analyzed.
- The proposed method preserves the orthogonality condition for higher orders.

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