**Figures File**

(An Iterational Method for Solving Quadratic Optimal Control Problem Using Scaling Boubaker Polynomials)

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Fig 1.Scaling Boubaker polynomials (*n* =4)

**** Fig 2 Example 1 - *x* variables Fig 3 Example 1 – *u* variables

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Fig 4 Example 2-*x* variables Fig 5 Example 2- *u* variables



Fig 6 Example3 -*x* variables Fig 7 Example 3 - *u* variables