

- [10] T. Nguyen, and Z. Gajic, "Solving the Matrix Differential Riccati Equation: a Lyapunov Equation Approach", *IEEE Trans. Automatic Control*, Vol. 55, No. 1, 2010, pp. 191–194.
- [11] J. Nazarzadeh, M. Razzaghi, and K. Nikraves, "Solution of the Matrix Riccati Equation for the Linear Quadratic Control Problems", *Mathematical and Computer Modeling*, Vol. 27, No. 7, 1998, pp. 51–55.
- [12] A. Khamis, D.S. Naidu, "Nonlinear Optimal Tracking Using Finite-Horizon State Dependent Riccati Equation (SDRE)", *Proceedings of the 4th International Conference on Circuits, Systems, Control, Signals (WSEAS)*, Valencia, Spain, August 6–8, 2013, pp. 37–42.
- [13] D. S. Naidu. *Optimal Control Systems*, Boca Raton: CRC Press, 2003, Chap. 4.
- [14] Z. Gajic and M. Qureshi, "The Lyapunov Matrix Equation in System Stability and Control", New York: Dover Publications, 2008.
- [15] A. Barraud, "A New Numerical Solution of $\dot{X}=A_1X+X^*A_2+D$, $X(0)=C$ ", *IEEE Transaction on Automatic Control*, Vol. 22, No. 6, 1977, pp. 976–977.
- [16] A. Khamis, "Design and Realization of Hardware In Loop Simulation for a Homing Guided Missile", M.Sc. thesis, MTC, Cairo, 2007.
- [17] Bernard Etkin. *Dynamics of Atmospheric Flight*, John Wiley & Sons, New York, 1972, Chap. 8.
- [18] A. Calise, S. Lee, and M. Sharma, "Direct Adaptive Reconfigurable Control of a Tailless Fighter Aircraft", *AIAA Paper 98-4108*, 1998, pp. 88–97.
- [19] Ulybyshev, Yuri. "Terminal guidance law based on proportional navigation", *Journal of Guidance, Control, and Dynamics*, Vol. 28, No. 4, 2005, pp. 821–824.