

ADMISSION TO DOCTORAL STUDIES

Session September 2025

Field of doctoral studies: Systems Engineering

Doctoral supervisor: Prof. Moldoveanu Florin Dumitru, PhD

TOPICS FOR THE ADMISSION TO DOCTORAL STUDIES

TOPIC: <i>Variable Structure System with Sliding Mode Control</i>
<p>Recommended bibliography:</p> <ol style="list-style-type: none"> 1. Hung, J.Y., Gao, W., Hung, J.C. <i>Variable Structure Control: A Survey</i>, IEEE Transactions on Industrial Electronics, Vol. 40, No. 1, February 1993, pp. 2-22. 2. Edwards, Ch., Spurgeon, S.K. <i>Sliding Mode Control. Theory and Applications</i>, Taylor & Francis, London, 1998. 3. Utkin, V., Guldner, J., Shi, J. <i>Sliding Mode Control in Electromechanical Systems</i>, Taylor & Francis, London, 1999. 4. Shtessel, Y., Edwards, Ch., Fridman, L., Levant, A. <i>Sliding Mode Control and Observation</i>, Control Engineering, Birkhauser Verlag, Springer, 2014.
<input checked="" type="checkbox"/> Scientific Doctorate (full-time only) <input type="checkbox"/> Professional Doctorate (full-time or part-time)
<input checked="" type="checkbox"/> without tuition fee (state budget funded) <input type="checkbox"/> with tuition fee or with funding from other sources than the state budget

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