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these systems may be physical such as mechanical electrical and biological or economic social and so forth research control networks and systems research in this area includes control and dynamical systems encountered in biological systems robotics power distribution cyber physical and hybrid systems currently we have multiple professors in this area who have been successful at publishing in high impact and top journals control and dynamical systems cds may be pursued as a minor concentration by undergraduates who are taking degrees in science mathematics or engineering the option in control and dynamical systems cds is open to students with an undergraduate degree in engineering mathematics or science the qualifications of each applicant will be considered individually and after being enrolled the student will arrange his or her program in consultation with a member of the faculty control and dynamical systems cds aims and scope of the graduate program the option in control and dynamical systems cds is open to students with an undergraduate degree in engineering mathematics or science learning control and dynamical systems workshop at the international conference on machine learning icml 2023 recent advances in algorithmic design and principled theory driven deep learning architectures have sparked a growing interest in control and dynamical system theory the interdisciplinary area of control and dynamical systems fosters the mathematical methods that allow us to explain why and how natural engineered and social systems evolve in time and space what kind of behaviours they exhibit in their development as well as how to influence these behaviours

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