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what this course is about embedded computing is becoming ubiquitous need to process sensor data and influence physical world this is control and knowing its main concepts is important much of control theory is esoteric and difficult 90 of the real world applications are based on 10 of the existing control methods and theory

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the space systems engineering mooc the result of a months long collaboration between the non profit saylor foundation washington d c and personnel from nasa examines basic systems engineering and teamwork as well as project life cycle scoping requirements and trade studies

radar introduction to radar systems online course mit Mar 06 2023

description of lectures the set of 10 lectures starts with an introductory description of basic radar concepts and terms the radar equation needed for the basic understanding of radar is then developed along with several examples of its use in radar system design

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the radar systems engineering series consists of seventeen lectures each lecture is offered as an individual course the goal of this series is to provide an advanced introduction to radar systems subsystem issues for first year graduate students advanced senior undergraduates or professionals new to the field

what is a systems engineer and how do i become one coursera Jan 04 2023

bachelor s degree the first step in becoming a systems engineer is to earn a bachelor s degree in systems engineering or other related fields like computer engineering or mechanical engineering some systems engineers may hold a bachelor s degree in technical disciplines such as computer science some coursework you re likely to see as

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