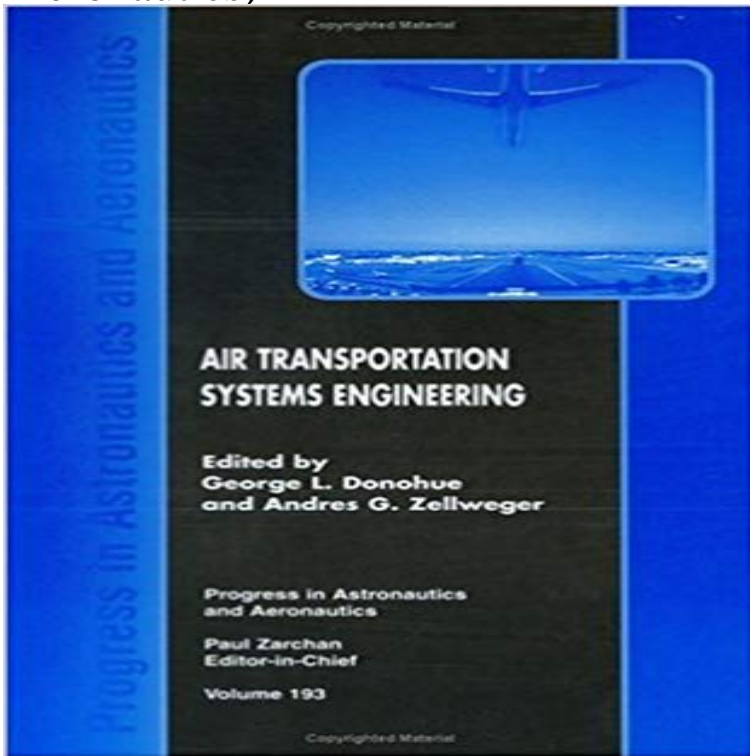


Air Transportation Systems Engineering (Progress in Astronautics and Aeronautics)



Air transportation is in a crisis and at a turning point. The world's air traffic management system is showing the signs of being so successful that its growth is approaching the physical infrastructure capacity limits. This title explains the technical nature of, and reports on research on, the evolution of the international air transportation systems. It also provides approaches to airspace management and new roles for controllers and pilots. It should further our understanding of the technical attributes of delay and its economic effects on aviation-related business. The text also provides approaches to airspace management and new roles for controllers and pilots while applying mathematical analyses and principles to aviation.

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