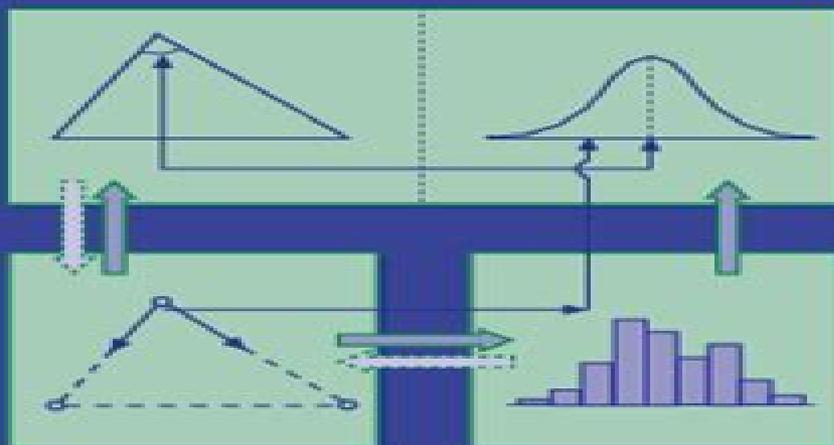


Adjustment theory

an introduction

P.J.G. Teunissen



Series on Mathematical Geodesy and Positioning

Adjustment Theory

P. J. G. Teunissen



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adjustment it goes beyond them by describing the problem solving and solution doing mechanisms that lead to optimal adjustments and maximal gains This permits the theory to predict precise relationships between self regulated gain towards goal attainment and the consequences of goal attainment Although the conclusions do not contradict generally accepted views they challenge current perspectives on how to define and analyze the problem of adaptation By separating the mechanism of self regulation from the environmental effect it produces we can examine the unique contribution of the self regulating system to its own success or failure Also by defining environmental optimalities from the perspective of the regulator we can assess how the same menu of environmental opportunities changes from being suboptimal to optimal as a function of the regulator s success in adjusting

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