



شبكة المعلومات الجامعية

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شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

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بالرسالة صفحات

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***A simulation model for optimizing the performance of
jetways system at Cairo Airport
(Terminal 2)***

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A simulation model for optimizing the performance of
jetways system at Cairo Airport
(Terminal 2)

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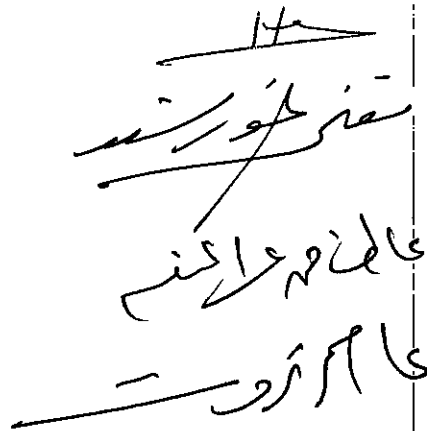
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I certify that this work has not been accepted in substance for any academic degree and is not being concurrently submitted in candidature for any other degree , any portion of this thesis for which I'm indebted to other course are mentioned and explicit reference are given .

student

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List of abbreviation:

A/C	: Aircraft
AQL	: The Average Queue Length.
ATA	: The Actual Time of Arrival
AWT	: Average Waiting Time.
C.I.	: Confidence Interval
CAT12	: the A/C of weight 50:80ton with ground time from 2 up to 6 hours.
CAT21	: the A/C of weight 80:140 ton with ground time up to 2 hours.
CAT31	: the A/C of weight 140:180 ton with ground time up to 2 hours.
CAT41	: the A/C of weight 180: 240 ton with ground time up to 2 hours.
CAT51	: the A/C of weight more than 240 ton with ground time up to 2 hours.
CAT52	: the A/C of weight more than 240 ton with ground time from 2 up to 6 hours.
CAT53	: the A/C of weight more than 240 ton with ground time more than 6 hours.
CT	: Control Tower
Exp.	: Expression
FIFS	: First In First Served (queue discipline).
G/C	: Ground Control
H.W.	: Half Width
ICAO	: International Civil Aviation Organization
IU	: The Individual Jetway Utilization.
LR	: The Lost Revenue
NC	: Number in Counter
NC[CATn]	: Number in Counter of served A/C of category (n) where n = 1 : 8 .
NC[CATRn]	: Number in Counter of ungated A/C of category (n) where n = 1 .
R/W	: Runway
RA	: Remote Area
RES	: Resource
SU	: The System Utilization .
TW	: Taxi way
TR	: The Total Revenue .
UTI	: Utilization
WIP	: Work In Progress

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