

YILDIZ TEKNİK ÜNİVERSİTESİ

FEN BİLİMLERİ ENSTİTÜSÜ



KONUM ANALİZİ

Tüm boşluklar şablondaki gibi olmalı

Kurt MAXWELL

YÜKSEK LİSANS TEZİ

Bilgisayar Mühendisliği Anabilim Dalı

Bilgisayar Mühendisliği Programı

Danışman

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Eş danışman yoksa bile Temmuz, 2019 yazısı yine aynı konumda olmalı

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-> Eş Danışman Yoksa Silinir

Temmuz, 2019

Tez Savunma Sınavınızın AYİ ve YILI yazılmalı

T.C.

YILDIZ TEKNİK ÜNİVERSİTESİ

FEN BİLİMLERİ ENSTİTÜSÜ

ÖRNEK BİR ŞİRKETİN ACİL SERVİS MERKEZLERİNİN KONUM ANALİZİ

Tez Savunması Tarihi

Kurt MAXWELL tarafından hazırlanan tez çalışması çalışması 12.07.2019 tarihinde aşağıdaki jüri tarafından Yıldız Teknik Üniversitesi Fen Bilimleri Enstitüsü Bilgisayar Mühendisliği Anabilim Dalı, Bilgisayar Mühendisliği Programı YÜKSEK LİSANS TEZİ olarak kabul edilmiştir.

Soy	yisimlerin
ΤÜ	MÜ
ΒÜ	YÜK HARF
oln	nalı

Prof. Dr. Kim CASEY

Prof. Dr. Eusebia MOSELEY

Yıldız Teknik Üniversitesi

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KABUL SAYFASINDA; Sayfa numarası gözükmez

7 Soyisimler büyük harf

Danışmanım Prof. Dr. Kim CASEY sorumluluğunda tarafımca hazırlanan Düzlemsel Homotetik Hareketler Altında Yüksek Mertebeden İvmeler ve Poller başlıklı çalışmada veri toplama ve veri kullanımında gerekli yasal izinleri aldığımı, diğer kaynaklardan aldığım bilgileri ana metin ve referanslarda eksiksiz gösterdiğimi, araştırma verilerine ve sonuçlarına ilişkin çarpıtma ve/veya sahtecilik yapmadığımı, çalışmam süresince bilimsel araştırma ve etik ilkelerine uygun davrandığımı beyan ederim. Beyanımın aksinin ispatı halinde her türlü yasal sonucu kabul ederim

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İmza

Bu çalışma, Yıldız Teknik Üniversitesi Bilimsel Araştırma Proje Koordinatörlüğü' nün 1245A numaralı projesi ile desteklenmiştir.



Aileme

ve

biricik eşime



Yıldız Technical University is one of the seven government universities situated in İstanbul besides being the 3rd oldest university of Turkey with its history dating back to 1911. It is regarded as one of the best universities in the country as well. Our university has 10 Faculties, 2 Institutes, the Vocational School of Higher Education, the Vocational School for National Palaces and Historical Buildings, the Vocational School for Foreign Languages and more than 25,000 students.

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Sayfa numarası BU SAYFADAN "v" ile BAŞLAR.

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İÇİNDEKİLER AŞAĞIDAKİ GİBİ DEĞİL, WORD veya <mark>LATEX</mark> ŞABLONUNDAKİ GİBİ OLMALI

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Simgeler, açıklamaya göre alfabetik sıralanmalı

SIMGE LISTESI

Ai	Activities of Daily Life
С	Alternate Step Test
С	Body Mass Index
CR	Cross Step moving on Four Stops
f c(.)	Dynamic Bayesian Networks
_H	Demura's Fall Risk Assessment Chart
_ <i>i</i>	Electromyography

KISALTMAYA GÖRE ALFABETİK OLARAK SIRALANMALI. YANİ ÖNCELİKLE "A" ile başlayan kısaltmalardan başlayıp en Son" Z" ile başlayan kısaltmalara yer vermeli.

KISALTMA LİSTESİ

ADL Activities of Daily Life

AST Step Test

BMI Body Mass Index

CSFT Cross Step moving on Four Stops

DBN Dynamic Bayesian Networks

DFRAC Demura's Fall Risk Assessment Chart

EMG Electromyography

FEUP Faculdade de Engenharia da Universidade do Porto

FPRI Fall Prediction and Risk Index

FR Fall Probability

FRI Fall Risk Index

GDP Gross Domestic Product

GUGT Get-Up-ang-Go Test

LABIOMEP Laboratório de Biomecânica do Porto

MEMs Micro-Electromechanics

MTC Minimum Toe Clearance

PCA Principal Components Analysis

PPA Physiological Profile Assessment

PPP Purchasing Power Parities

SMWT Six Meter Walking Test

KALIN OLMALI

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Özet ve Abstractta Kelimelerin Yalnızca Baş Harfleri Büyük ÖZET

Düzlemsel Homotetik Hareketler Altında Yüksek Mertebeden İvmeler ve Poller

Kurt MAXWELL

EN AZ 200, MAKSİMUM 300 KELİME OLMALI

Bilgisayar Mühendisliği Anabilim Dalı

Yüksek Lisans Tezi

Danışman: Prof. Dr. Kim CASEY

Eş-Danışman: Doç. Dr. Eusebia MOSELEY

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Trenler önceden hazırlanmı,s bir hareket planına uygun biçimde hareket etmektedir. Ancak beklenmedik bazı olayların gerçekle,smesi sonucu gecikmeler ve trenler arası çatı,smalar meydana gelebilmektedir. Trafik kontrolü, trenler arası çatı,smaları, gecikmeleri mümkün olduğunca azaltacak ,sekilde çözüp, yeni bir uygulanabilir çizelge hazırlamak için uygulanır. Problemin zorluk derecesi nedeniyle, problemin en az gecikme içeren çözümüne kabul edilebilir bir süre içerisinde ula,sılması imkânsızdır. Bu çalı,smada, 5 dakika gibi kısa bir süre içerisinde uygulanabilir ve gecikme toplamının olabildiğince en küçüklendiği bir çizelge hazırlamak için, genetik algoritmalar kullanılmı,stır. Geli,stirilen algoritmanın çözümleri, belirli boyuttaki problemlerin kesin ve dispeçer çözümleri (yapay sinir ağı) ile kar,sıla,stırıldığında, algoritma kısa sürede yeteri kadar iyi sonuçlar vermektedir. Algoritmanın uygulanması için geli,stirilen bilgisayar programı, tren dispeçerleri için bir karar destek sistemi olarak da kullanılabilir.

Anahtar Kelimeler: Demiryolu trafik kontrolü, trenlerarası çatı smalar, yeniden çizelgeleme, genetik algoritmalar, yapay sinir a gları

Maksimum 5 anahtar kelime ve sadece 1. anahtar kelimenin baş harfi ve özel isimlerin baş harfi büyük



Kelimelerin Yalnızca BAŞ harfleri BÜYÜK

Location Analysis of the Emergency Service Centers of a Case Company

Kurt MAXWELL

EN AZ 200, MAKSİMUM 300 KELİME OLMALI ABSTRACTA unvanlar ingilizce

Department of Computer Engineering

Doctor of Philosophy Thesis

Doç. yerine "Assoc. Prof. Dr" yazılabilir.

Dr. Öğr. Üyesi yerine , "Assist. Prof. Dr." yazılabilir

Supervisor: Prof. Dr. Kim CASEY

Co-supervisor: Assoc. Prof. Dr. Eusebia MOSELEY

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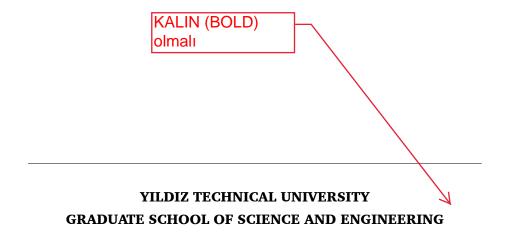
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The crude petroleum unit in the TÜPRAS, refinery at Izmit has been selected to show the applicability of the computer code developed to a real process, and as a result an original application has been accomplished. The heat integration study carried out on the crude petroleum unit shows that if a capital of 3576627 \$\\$ is invested, the investment payback period is 1.7 years on the basis of the energy conservation achieved. Investment need is high; it is significant that it can be paid back by energy conservation in a reasonable period of time.

The crude petroleum unit in the TÜPRAS, refinery at Izmit has been selected to show the applicability of the computer code developed to a real process, and as a result an original application has been accomplished. In this study, it is aimed at designing heat exchanger networks by the use of pinch-point design method, which is one of the significant heat integration methods. In the presentation of the work various theoretical approaches regarding the pinch-point design method are discussed, and a new "Improved Problem Algorithm Table" developed for the application of the design is introduced.

Keywords: Railway traffic control, conflicts between trains, re-scheduling, genetic algorithms, neural networks

Maksimum 5 anahtar kelime ve sadece 1. anahtar kelimenin baş harfi ve özel isimlerin baş harfi büyük



17,5 punto ve TÜMÜ BÜYÜK HARF olmalı



30 Punto olmalı

1.1 gibi başlıklar Sola Yaslı ve 14 punto olmalı.

1.1 Tez İçeriği

Yıldız Technical University is one of the seven government universities situated in İstanbul besides being the 3rd oldest university of Turkey with its history dating back to 1911. It is regarded as one of the best universities in the country as well. Our university has 10 Faculties, 2 Institutes, the Vocational School of Higher Education, the Vocational School for National Palaces and Historical Buildings, the Vocational School for Foreign Languages and more than 25,000 students.

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1.1.1 Alt BaşlıkBaşlık 12 punto ve kalın olmalı

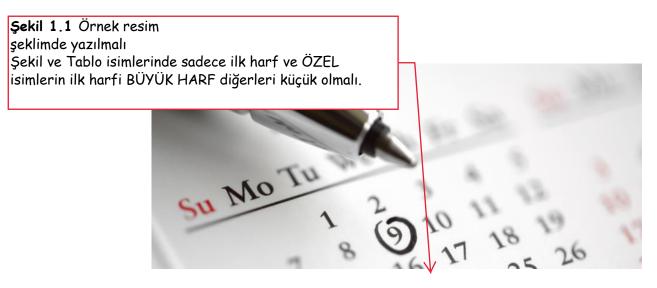
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Sekil 1.1 Örnek resim

Yıldız Technical University is one of the seven government universities situated in 'Istanbul besides being the 3rd oldest university of Turkey with its history dating back to 1911.I

1.1.1.1 Alt Başlık Başlık Başlık

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Şekil 1.2 Örnek resim

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Şekil 1.3 Deneme deneme

The new university incorporated the departments of Science-Literature and Engineering, the Vocational School in Kocaeli, a Science Institute, a Social Sciences

3



Institute and the Foreign Languages, Atatürk Principles and the History of Revolution, Turkish Language, Physical Education and Fine Arts departments affiliated with the Rectorate.

Kalın olmalı. Tablo ismi ortalı olmalı

Tablo 1.1 Örnek tablo

Step #	Instruction
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Format the caption	Format, style, "thesis-table-caption"
Create table	Table, insert

Tablolar sığdırılmalı. TAŞMAMALI.

Sol Kenar boşluğu=3,5 cm Yıldız Technical University is one of the seven government universities situated in 'Istanbul besides being the 3rd oldest university of Turkey with its history dating back to 1911. It is regarded as one of the best universities in the country as well.

Kenar boşluğu

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12 Tez İçeriği

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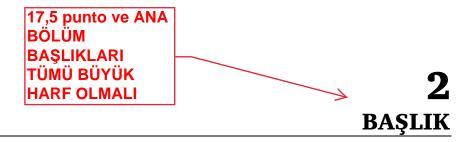
Tablo 1.2 Deneme tablosu

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1.3 Tez İçeriği

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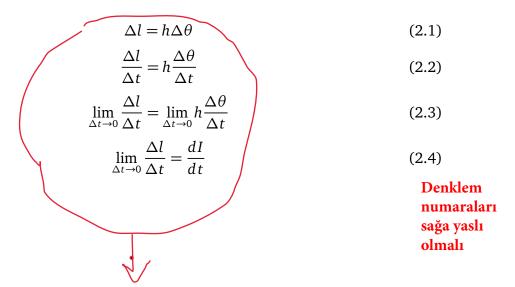
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Şekil 2.2 Side view of Graduate School of Natural and Applied Sciences, Yıldız Technical University, Çukursaray, İstanbul [10]



Denklemler ortalı yazılmalı.

the Vocational School for National Palaces and Historical Buildings, the Vocational School for Foreign Languages and more than 25,000 students.

Tablo 2.1 İkinci örnek tablo

Step #	Instruction
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Format the caption	Format, style, "thesis-table-caption"

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latex'te tablo içeriği fazla yoksa textwidth komutu kullanılmamalı, tablonun fazladan boşluk oluşturması engellenmelidir.

Tablo 2.1 İkinci örnek tablo (devamı)

Create table

Table, insert...

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demy and affiliated schools of

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2.1.1.1.1 olamaz. maksimum 2.1.1.1 olabilir

2.1.1.1 Alt Başlık Alt Başlık Alt Başlık

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2.3 Alt Başlık

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Tablo 2.2 Üçüncü örnek tablo

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ORTALI OLMALI

Şekil 3.1 Örnek resim örnek resim örnek resim örnek resim örnek resim örnek resim örnek resim örnek resim örnek resim

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Şekil 3.2 Deneme şekil

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Şekil 4.2 Örnek resim örnek resim örnek resim örnek resim örnek resim örnek resim örnek resim örnek resim örnek resim örnek resim örnek resim

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Şekil 5.1 Deneme şekil beşinci bölüm

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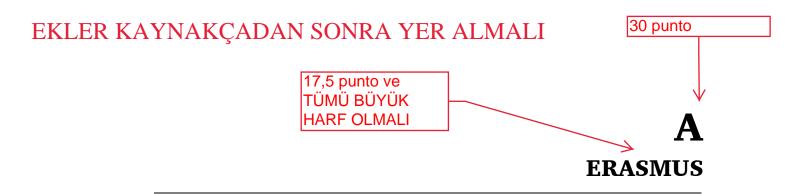
Girintili olmalı

Guo, Hongyu and Herna L Viktor (2004). "Learning from imbalanced data sets with boosting and data generation: the DataBoost-IM approach". İn: *ACM SIGKDD Explorations Newsletter* 6.1, pp. 30–39.

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