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Education Information

Doctorate, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 1988 - 1995

Postgraduate, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 1986 - 1988

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 1981 - 1986

Dissertations

Doctorate, An algorithm to generate alternative train schedules on single trace railroads, Middle East Technical University, Türk Halk Bilimi, Toplumsal Uygulamalar, 1995

Postgraduate, Prediction of road construction cost quantities and their unit prices for Turkey, Middle East Technical University, Türk Halk Bilimi, Toplumsal Uygulamalar, 1988

Advising Theses

BAYIRTEPE H., Makro Traffic Flow Models For Ankara Main Collector: Fatih Sultan Mehmet Boulevard, Postgraduate, H.İÇÖZ(Student), 2018

BAYIRTEPE H., Ankara ana kolektörleri: Fatih Sultan Mehmet Bulvarı için makro trafik akım modelleri, Postgraduate, H.İÇÖZ(Student), 2018

BAYIRTEPE H., Macro Traffic Flow Models For Ankara Main Collectors: Eskişehir Road And Sakıp Sabancı Boulevard, Postgraduate, M.AYDIN(Student), 2018

BAYIRTEPE H., Macro Traffic Flow Models For Ankara Main Collectors: Turgut Ozal Boulevard And 19 Mayıs Boulevard, Postgraduate, M.ÖZDEMİR(Student), 2018

BAYIRTEPE H., Intercity passenger transportation characterization according to the types of trains on Turkish railway network, Postgraduate, K.TEKİN(Student), 2017

BAYIRTEPE H., The Characterisation And Modelling Freight Transportation From Orlun To Destination On The Network Of Turkish Railways According To The Types Of Freight, Doctorate, G.ABBAS(Student), 2016

BAYIRTEPE H., Türkiye demiryolu ağında yük cinslerine göre başlangıç-bitiş taşıma karakterizasyonu ve modellenmesi, Doctorate, G.ABBAS(Student), 2016

BAYIRTEPE H., Modeling performance of main freight types on Turkish railway network, Postgraduate, O.EMEKSİZ(Student), 2014

BAYIRTEPE H., Determining of road network traffic in the 5th region of highways, Postgraduate, Y.METE(Student), 2014

BAYIRTEPE H., Modeling passenger transportation performance for different passenger types on Turkish railway network, Postgraduate, S.AK(Student), 2014

BAYIRTEPE H., Vehicle operation and unit transportation cost of highways in Turkey, Postgraduate, M.KAAN(Student), 2014

BAYIRTEPE H., Traffic characteristics of general directorate of highways 10th district and simulation modeling, Postgraduate, A.Gozalı(Student), 2014

BAYIRTEPE H., Karayolları 10. bölge araç trafiği karakteristiği ve benzetim modellemesi, Postgraduate, A.GOZALİ(Student), 2014

BAYIRTEPE H., A new expert system approaching for highway bridge repair and rehabilitation, Postgraduate, O.ŞENER(Student), 2014

BAYIRTEPE H., Highway traffic modelling for gdh region 3., Postgraduate, B.ATASHI(Student), 2012

BAYIRTEPE H., Freight transportation characterization on turkish railway network according to the type of load, Postgraduate, G.ABBAS(Student), 2012

BAYIRTEPE H., highway traffic modelling for gdh region 13., Postgraduate, N.Ghaemi(Student), 2012

BAYIRTEPE H., Modelling of road network traffic in the 4th region of highways, Postgraduate, C.YILMAZ(Student), 2012

BAYIRTEPE H., Karayolları 13. bölge yol ağı trafiği karakteristiği ve modellenmesi, Postgraduate, N.GHAEMİ(Student), 2012

BAYIRTEPE H., Türkiye şehirlerarası demiryolu yolcu ulaşımı karakterizasyonu, Postgraduate, B.ERTAŞ(Student), 2011

BAYIRTEPE H., INTERCITY FREIGHT TRANSPORTATION CHARACTERIZATION ON TURKISH RAILWAY NETWORK, Postgraduate, S.DOĞRUEK(Student), 2011

BAYIRTEPE H., Passenger time value for Konya province, Postgraduate, M.DOĞAN(Student), 2011

BAYIRTEPE H., INTERCITY PASSENGER TRANSPORTATION CHARACTERIZATION ON TURKISH RAILWAY NETWORK, Postgraduate, B.Ertaş(Student), 2011

BAYIRTEPE H., An integrated method for fleet assignment and scheduling (flight assignment), Doctorate, G.SÜZER(Student), 2011

BAYIRTEPE H., Visual traffic analyses on the basis of highway traffic measurements and simulations, Postgraduate, Y.AYDOĞDU(Student), 2010

BAYIRTEPE H., Türkiye karayolu ağı yük trafiği özellikleri: Genelleştirmeler ve değerlendirmeler, Postgraduate, S.SEÇİLMİŞOĞLU(Student), 2010

BAYIRTEPE H., Mathematical modelling for traffic characterization of highway section, Postgraduate, E.YAKUP(Student), 2010

BAYIRTEPE H., Modelling of relationships between aadt and seasonal 7/24 hour traffic measures, Postgraduate, B.KALKAN(Student), 2010

BAYIRTEPE H., THE IMPROVEMENT OF HIGHWAYS TRAFFIC MEASUREMENT EQUIPMENT'S SERVICE PROGRAMME, Postgraduate, U.AKKAŞ(Student), 2007

BAYIRTEPE H., A new approach for traffic distribution modelling with WIM data, Postgraduate, B.ELKAS(Student), 2007

BAYIRTEPE H., ANALYSIS OF HOURLY HIGHWAY TRAFFIC COUNTS AND MODELS WITH DERIVED DATA, Postgraduate, F.NAKAŞ(Student), 2007

BAYIRTEPE H., Karayolu kesimi trafik ölçümleri ile trafik akım benzetimi, Postgraduate, Y.ÇOBAN(Student), 2005

BAYIRTEPE H., Yeni bir karayolu trafik tahmin yöntemi: WIM örneği, Postgraduate, S.OTHMAN(Student), 2005

BAYIRTEPE H., Karayolları noktasal trafik verileri kullanılarak kesimsel trafik karakteristiklerin irdelenmesi, Postgraduate, R.DELİBAŞ(Student), 2005

BAYIRTEPE H., Üstyapı sıcak karışım üretim sistemi: Uygulama kalite-kontrol temelinde plan-takip-revizyon üretim stratejileri oluşturulmasına bir yaklaşım, Postgraduate, D.ARSLAN(Student), 2004

BAYIRTEPE H., Bozulur mal taşımacılığında düşük maliyet-yüksek hizmet seviyesi sağlamak için bir algoritma, Postgraduate, E.YAZICI(Student), 2002

BAYIRTEPE H., Kamyon kapasite yükünden Az (LTL) bozulmaz yük taşımacılığında maliyet ve hizmet seviyesinin eniyileştirilmesi, Postgraduate, Ö.FARUK(Student), 2002

BAYIRTEPE H., Kaza kara noktalarının tespiti ve değerlendirilmesine yönelik yeni bir yöntemin oluşturulması, Postgraduate, A.GEYİK(Student), 2001

BAYIRTEPE H., Demiryolu yük taşımacılığında en düşük işletim maliyetleri ile en yüksek hizmet seviyesi elde etme

amacına yönelik bir yaklaşım, Postgraduate, R.ONUR(Student), 2001

BAYIRTEPE H., Karayolu tasarımında brükner eğrisi ve denge çizgileri kullanımına, uygulama paralelinde yöneylemsel çözüm yaklaşımı, Postgraduate, S.AHÇI(Student), 2001

BAYIRTEPE H., Karayollarında hemzemin kavşak çözümleri için uzman sistem yaklaşımı, Postgraduate, Ö.UĞURLU(Student), 2001

Published journal articles indexed by SCI, SSCI, and AHCI

I. The characteristics of e-scooter accidents reported by police in Türkiye

Arikan Öztürk E., Karaçor F., Bayırtepe H.

Traffic Injury Prevention, vol.25, no.8, pp.1089-1097, 2024 (SCI-Expanded)

Articles Published in Other Journals

I. Occupational Accident Analysis in Oil & Gas Drilling Sector Turkey and in Relevant Industry in General

BAYIRTEPE H., BALAS C. E., GÖKPINAR AYDIN E.

International Journal of Innovative Science and Research Technology (IJSRT), vol.5, no.5, pp.1229-1238, 2020 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. "A Critique on The Applicability and The Suitability of Word Bank Procedure for Financing Highway Projects of Developing Countries With Specific Reference to Turkey"

BAYIRTEPE H., BİRGÖNÜL M. T.

PTRC 18th Summer Annual Meeting, 10 - 14 September 1990

Metrics

Publication: 4

Non Academic Experience

ULAŞTIRMA, DENİZCİLİK VE HABERLEŞME BAKANLIĞI