ÖZGEÇMİŞ

1. Adı Soyadı : Vasfi ELDEM
2. Doğum Tarihi :
3. Unvanı : Prof.Dr.
4. Öğrenim Durumu : Doktora
5. Çalıştığı Kurum : İstanbul Okan Üniversitesi

Derece	Alan	Üniversite	Yıl
Lisans	KİMYA BÖLÜMÜ	İSTANBUL TEKNİK ÜNİVERSİTESİ	1972
Yüksek Lisans	KİMYA BÖLÜMÜ	BOĞAZİÇİ ÜNİVERSİTESİ	1974
Doktora		Brown University, AMERİKA BİRLEŞİK DEVLETLERİ	1978

5. Akademik Unvanlar

Yardımcı Doçentlik Tarihi :
Doçentlik Tarihi :
Profesörlük Tarihi :

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri

6.2. Doktora Tezleri

ŞEYHAN ŞAHİN, The structural properties of linear matrix inequalities, GEBZE YÜKSEK TEKNOLOJİ ENSTİTÜSÜ, MÜHENDİSLİK VE FEN BİLİMLERİ ENSTİTÜSÜ, 2011.

GÖKHAN ŞAHAN, Stability of bimodal systems, GEBZE YÜKSEK TEKNOLOJİ ENSTİTÜSÜ, MÜHENDİSLİK VE FEN BİLİMLERİ ENSTİTÜSÜ, 2013.

IŞIL ÖNER, Stability of bimodal systems in R3, GEBZE YÜKSEK TEKNOLOJİ ENSTİTÜSÜ, MÜHENDİSLİK VE FEN BİLİMLERİ ENSTİTÜSÜ, 2014.

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler

ELDEM VASFİ, Wolovich William A., Parameter insensetive pole assignment for scalar input sysytems, IEEE Transactions on Automatic Control, 1983.

Başer Ulviye, ELDEM VASFİ, A new set of necessary and sufficient conditions for a system to be prime, IEEE Transaction on Automatic Control, 1984.

ÖZGÜLER ARİF BÜLENT, ELDEM VASFİ, Disturbance decoupling problems via dynamic output-feedback, IEEE Transactions on Automatic Control, 1985.

SELBUZ Hasan, ELDEM VASFİ, Stabilizing and deadbeat properties of receding-horizon controllers, International Journal of Control, 1987.

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ELDEM VASFİ, Yıldızbayrak Nihal, Parameter and structure identification of linear multivariable systems, Automatica, 1988.

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ÖZGÜLER ARİF BÜLENT, ELDEM VASFİ, On diagonalization by dynamic output-feedback, Kybernetika, 1989.

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ELDEM VASFİ, ÖZGÜLER ARİF BÜLENT, A solution to the diagonalization problem by constant precompensator and dynamic output-feedback, IEEE Transactions on Automatic Control, 1989.

DUYAR AHMET, ELDEM VASFİ, Merril Walter, State-space representation of the open-loop dynamics of the space-shuttle main engine, Jounal of Dynamic Sytems Measurement and Control, Transactions of ASME, 1991.

ELDEM VASFİ, Parametrization of Multivariable systems using output injections-alpha-canonical forms, Automatica, 1993.

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ELDEM VASFİ, ŞAHİN ŞEYHAN, On the feasibility of linear matrix inequalities, Applied and Computational Mathematics, 2011.

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ŞAHAN GÖKHAN, ELDEM VASFİ, Well posedness conditions for planar conewise linear systems, Transactions of the Institute of Measurement and Control, 2019.

7.2. Ulusal hakemli dergilerde yayınlanan makaleler

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

ELDEM VASFİ, ÖNER IŞIL, Classification of the trajectories of bimodal systems in R^3, 4th International Conference on control and optimization with industrial applications,1913.

ELDEM VASFİ, DUYAR AHMET, On the identification of piecewise linear and bilinear systems, ASME Winter Annual Meeting,1990.

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Başer Ulviye, ELDEM VASFİ, Diagonal decoupling problem with internal stability : A solution by dynamic output feedback and constant precompensator, IFAC Conference on System Structure and Control,1995.

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Ruiz Javier, Zagalak Peter, ELDEM VASFİ, On the problem of decoupling, IFAC Conference on System Structure and Control,1995.

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ATAY MEHMET FATİHCAN, Albaş Evren, ELDEM VASFİ, Modelling and identification of saturation in electrical machinery, 1st International Conference on the integration of Dynamics, Measurement and Control (DYMAC 99),1999.

ELDEM VASFİ, Wetherilt James, Parmaksız Sezgin, Albaş Evren, Çeçen Hüseyin, DUYAR AHMET, On the identification of three phase induction motors, Europian Control Conference,1999.

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ELDEM VASFİ, ŞAHİN ŞEYHAN, Structural properties of Linear matrix inequalities, 4th Congress of the Turkic World Mathematical Society,2011.

7.4. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

ELDEM VASFİ, ÖZGÜLER ARİF BÜLENT, Belirlenmiş giriş-çıkış kanalları ile sistem ayrıştırma, Ulusal Mekanik Konferansı, 1993.

Gökmen Burak, ELDEM VASFİ, Wetherilt James, DUYAR AHMET, MCM : A new technology for predictive maintenance, Otomatik Kontrol Ulusal Konferansı, 2002.

ŞAHAN GÖKHAN, ELDEM VASFİ, Düzlemsel Konik Sistemlerde Çözümlerin Varlığı ve Tekliği, Otomatik Kontrol Türk Milli Komitesi,Otomatik Kontrol Ulusal Toplantısı TOK'17, 2017.

7.5. Yazılan uluslararası kitaplar veya kitaplarda bölümler

7.6. Yazılan ulusal kitaplar veya kitaplarda bölümler

7.7. Diğer yayınlar

8. Projeler

9. İdari Görevler

2010 - 2011	Bölüm Başkanı, GEBZE YÜKSEK TEKNOLOJİ ENSTİTÜSÜ
2005 - 2011	Rektör Yardımcısı, GEBZE YÜKSEK TEKNOLOJİ ENSTİTÜSÜ

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

11. Ödüller

- Sedat Simavi Bilim Ödülü, Bilim - Sanat Ödülleri, Sedat Simavi Vakfı (1994)

- Tübitak Maramara Araştırma Merkezi Başarı Ödülü, Çalışma Ödülü, (1994)

12. Son İki Yılda Verdiği Lisans ve Lisansüstü Düzeydeki Dersler