

General InformationJan/2011

Reza teymourfar-Birth Date: Sep /1986

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Education

B.Sc : Electronic Engineering, shahrekord university (Shahrekord, Iran).

Graduated at Sep/2009

M.Sc: Electrical Engineering (Power Electronics), University of Tehran (Tehran, Iran).

Expected Graduation Date: Sep/2011

Familiar Topics and Interests

Fuzzy controller (B.Sc Thesis) – Bi-directional DC-DC Converter and Supercapacitor-based Energy Storage System (M.Sc Thesis) - PWM Techniques - Cascade H-bridge Converter –Multilevel converters

Publications

Book:

[1] G. R. Arab Markadeh, **R.Teymourfar**, H.saghaei “Practical project by AVR Micro Controllers,” *Shahrekord university, 2010*.

Published Papers:

1. Farivar, G.; Teymourfar, R.; Iman-Eini, H.; , "Indirect controller application on cascaded H-bridge rectifier," *Electric Power and Energy Conversion Systems (EPECS), 2011 2nd International Conference on* , vol., no., pp.1-5, 15-17 Nov. 2011
2. R. Teymourfar, R.Nejatifard, B. Asaei, and H.Iman-eini, “Energy Recovery in a Metro Network using Stationary Supercapacitors”, IEEE 2nd Power Electronics & Drive Systems & Technologies Conference PEDSTC 2011, Feb. 2011, pp. 224 - 229, Tehran, Iran.
3. R. Teymourfar, G. Farivar, and H.Iman-eini, “Optimal Stationary Super-capacitor Energy Storage System in a Metro Line”, IEEE 2nd International Conference on Electric Power and Energy Conversion Systems EPECS 11, Nov. 2011, pp. 1 - 6, UAE.
4. R. Teymourfar, B. Asaei, H. Iman-Eini, and R. Nejadi fard, "Stationary super-capacitor energy storage system to save regenerative braking energy in a metro line," *Energy Conversion and Management*, vol. 56, pp. 206-214, 2012.

Under review papers:

R. Teymourfar, G. Farivar, B.Asaee and H.Iman-eini, "Optimal super-capacitor energy storage system to recover regenerative energy in a metro network" , Energy Conversion and Management, 2012.

Skills

Software:

MATLAB (Programming and SIMULINK), PSCAD, BASCOM,

CODEVISION, ADVISOR, DXP, PLC Step 7

Micro Processors and Controllers:

AVR

Experiences

Teaching Assistance (Several Coursed)

Honors

A Summa cum Laude Graduate in B.Sc.