

CURRICULUM VITAE

Amir Khodabandeh

CURRENT ADDRESS	Department of Surveying and Geomatics Engineering University College of Engineering University of Tehran , Campus #2 North Kargar St.(Passed the Jalal-Al-Ahmad St., Across the Ninth Lane) Tehran, Iran P.O. Box: 11155-4563 Fax: (+98) 21-88008837 Cell: (+98) 917-104-4247 Email: khodabandeh@ut.ac.ir
PERMANENT ADDRESS	NO. 1, 18th Alley, Kolahdooz Street Pasdaran Blvd., Rishmak Square Shiraz, Iran P.O. Box: 71856-34687 Tel: (+98) 711-822-7644 Email: amirkh.lio@gmail.com
PERSONAL DETAILS	Date of birth: 6th of Jan., 1986 Place of birth: Shiraz, Iran Citizenship status: Iranian Gender: Male Marital status: Single
EDUCATION	2008-2010: M.Sc.: Geodesy (GPA : 19.25 / 20) <ul style="list-style-type: none">• Thesis Topic: <i>“Robust Estimation: Applied to Coordinate Time Series Analysis”</i>• Thesis Mark: 20 / 20• Supervisors: Dr. M. A. Sharifi Dr. A. R. Amiri-Simkooei University of Tehran, Tehran, Iran <hr/> 2003-2008: B.Sc.: Surveying and Geomatics Engineering (GPA : 17.90 / 20) University of Isfahan , Isfahan, Iran <hr/>

1999-2003:

Pre-University: Physics-Mathematics (GPA : 18.84 / 20)

Ehsan Pre-University, Shiraz, Iran, 2002-2003

High School Diploma: Physics-Mathematics (Total GPA : 18.77 / 20)

Hafez High School, Shiraz, Iran, 1999-2002

RESEARCH
INTERESTS

- Parameter Estimation and Robust Statistics
 - Satellite Positioning and Navigation
 - Theoretical Geodesy
 - Design and Analysis of Geodetic Networks
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HONORS AND
AWARDS

- Ranked 1st among graduated students of Geodesy in M.Sc. at the University of Tehran with a GPA 19.25 out of 20, 2010.
 - Ranked 1st among graduated students of Surveying and Geomatics Engineering in B.Sc. at the University of Isfahan, Faculty of Engineering with a GPA 17.90 out of 20, 2008.
 - Ranked 1st in high school with a GPA 18.77 out of 20, 2002.
 - University admission to the M.Sc. program at Geomatics Eng. Department of the University of Tehran (UT) (Ranked 10th among more 2000 than applicants) with Nationwide Universities Entrance Exam, 2008.
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PUBLICATIONS

- Khodabandeh, A., and Amiri-Simkooei, A.R. (2011). Recursive algorithm for L1 norm estimation in linear models. *Journal of Surveying Engineering*, 137(1):1–8.
- Khodabandeh, A., Amiri-Simkooei, A.R., Sharifi M.A. (2011). GPS position time-series analysis based on asymptotic normality of M-Estimation. *Journal of Geodesy*. Published, DOI: 10.1007/s00190-011-0489-4.
- Khodabandeh, A., and Sharifi, M.A. (2010). Modified L1 norm estimation. *Journal of Faculty of Engineering*. Faculty of Engineering, Tehran University Press (*In persian*). Under Review.
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TEACHING
ASSISTANTSHIP

Adjustment and test, Faculty of Engineering, University of Isfahan, Isfahan, Iran, Winter 2006.

Differential Geometry, Faculty of Engineering, University of Isfahan, Isfahan, Iran, Fall 2005.

STUDY FIELD WORKS	<p>Field projects on the following subjects together with reports during the summer 2008:</p> <ul style="list-style-type: none"> • Surveying and Topographic Mapping • Route Surveying • Precise Leveling • GPS Surveying • GPS Networks • Microgeodesy • Geodetic Astronomy <hr/>
LANGUAGES	<p>Fluent in Persian/Farsi (<i>Mother Tongue</i>)</p> <p>Good in English</p> <hr/>
COMPUTER SKILLS	<p>Windows and Linux Operating Systems</p> <p>MATLAB Software</p> <p>Bernese GPS Software (<i>Elementary</i>)</p> <p>L^AT_EX Word Processing</p> <p>Microsoft Office Software</p> <p>Land development Autocad</p> <hr/>
INTERESTS AND HOBBIES	<p>Reading Mathematical Literature, Reading philosophical books, Listening to Classical Music, Watching Movies, Sightseeing, Swimming.</p> <hr/>
REFERENCES	<p>Dr. Ali Reza Amiri-Simkooei</p> <p>Scientific Position: Assistant Professor Department of Surveying Engineering Faculty of Engineering University of Isfahan Isfahan, Iran Tel: (+98) 913-776-2560 Email: amiri@eng.ui.ac.ir</p> <hr/> <p>Dr. Mohammad Ali Sharifi</p> <p>Scientific Position: Assistant Professor Department of Surveying and Geomatics Engineering Faculty of Engineering University of Tehran Tehran, Iran P.O. Box: 11155-4563 Tel: (+98) 912-602-2405 Fax: (+98) 21-88008837 Email: sharifi@ut.ac.ir</p>

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Dr. Jamal Asgari

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