

Fakulteit Ingenieurswese/Faculty of Engineering

Universiteit Stellenbosch/Stellenbosch University

Navorsingsuitsette 2010 Research Output

Departement Bedryfsingenieurswese Department of Industrial Engineering

Tydskrifartikels/Journal Articles (subsidised)

DIMITROV DM, DEEZ B, SONN AE. Reverse Engineering in Industrial Applications: A comparative study. *Journal for New Generation Sciences* 2009; **7**(3) : 23-34.

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DIMITROV D, DU PREEZ ND, BASSON AH, VAN DER MERWE A, FOURIE CJ, SCHREVE K, SCHEFFER C. *Manufacturing Research at Stellenbosch During the First Decade and Beyond.* COMA '10 International Conference on Competitive Manufacturing, Wallenberg Research Centre @ STIAS, Stellenbosch, South Africa, Stellenbosch University 2010: 7-14.

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TREURNICHT NF, OOSTHUIZEN GA. *An overview of recent machining improvements in Titanium.* SAIIE 2010 Conference, Glenburn Lodge, Muldersdrift, Gauteng, South Africa, SAIIE 2010: 220-231.

VAN BLOMMESTEIN DI, MATOPÉ S, SWART AD, RUTHVEN GA. *An effective labour performance measurement aimed at optimising.* SAIIE 2010 Conference, Glenburn Lodge, Muldersdrift, Gauteng, South Africa, SAIIE 2010: 233-243.

VAN DER MERWE AF. *XAP open source communication protocol for telemedicine.* SAIIE 2010 Conference, Glenburn Lodge, Muldersdrift, Gauteng, South Africa, SAIIE 2010: 244-155.

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Doktoraal Afgehandel/Doctoral completed

NIEBERDING FHM. *Selecting and Tailoring Design Methodologies in Form of Roadmaps for a Specific Development Project.* PhD (Eng), 2010. 170 pp. Promotor: Du Preez ND, Basson AH.

OOSTHUIZEN GA. *Wear characterisation in milling of Ti6Al4V – A wear map approach.* PhD (Eng), 2010. 148 pp. Promotor: Van Der Merwe AF, Akdogan G.

SCHUTTE CSL. *Executing innovation projects using the collaborative nature of integrated knowledge networks.* PhD (Eng), 2010. 270 pp. Promotor: Du Preez ND.

UYS JW. *A Framework for Exploiting Electronic Documentation in Support of Innovation Processes.* PhD (Eng), 2010. 336 pp. Promotor: Du Preez ND, Lutters D.

Magister Afgehandel/Masters completed

ENGELBRECHT L. *A decision support system to design the capacity of a BRT station using simulation.* MSc (Ingwet), 2010. 150 pp. Studieleier: Bekker JF.

FRIEDRICH EA. *The Profitability of Momentum Investing.* MSc (Ingwet), 2010. 137 pp. Studieleier: Von Leipzig KH.

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PIENAAR WA. *Bridging the Gap between Strategic Control and Performance Measurement: A Systems Approach.* MSc (Ingwet), 2010. 200 pp. Studieleier: Von Leipzig KH, Schutte CSL.

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SHAMES H. *Development of a selection program for additive manufacturing systems.* MSc (Ingwet), 2010. 219 pp. Studieleier: Dimitrov DM. Medestudieleier: Van Der Merwe AF.

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Departement Elektriese en Elektroniese Ingenieurswese Department of Electrical and Electronic Engineering

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JOKANOVIC B, GESCHKE RH, BEUKMAN T.S., MILOSEVIC V. Metamaterials: Characteristics, Design and Microwave Applications. *SAIEEE Africa Research Journal (Transactions of the South African Institute of Electrical Engineers)* 2010; **101**(3) : 82-91.

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