


Tydskrifartikels/Journal Articles (NON-subsidised)


Verrigtinge Internasionaal/Proceedings International


BAM L, DE STOBBELEIR KEM, VLOK P. An Organisational Perspective on the Outcomes of Team Creativity. BAM 2017, Coventry, United Kingdom, British Academy of management 2017: 1-16.


Verrigtinge Nasionale/Proceedings National


Boeke/Books


Hoofstukke in Boeke/Chapters in Books


Doktoraal Afgehandel/Doctoral completed


TERBLANCHE SE. Resource constrained project scheduling models and algorithms applied to underground mining. PhD (Eng), 2017. 140 pp. Promotor: VAN VUUREN JH.


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BEZUIDENHOUT L. Emerging technologies: Commercial Readiness Index for Medical Additive Manufacturing. MIng Navorsing, 2017. 92 pp. Studieleier: VAN DER MERWE AF.


DELPORTE LD. Milling Strategy Induced Shape Deviation of Thin-Walled Ti-6Al-4V Components. MIng Navorsing, 2017. 99 pp. Studieleier: OOSTHUIZEN GA. Medestudieleier: DIMITROV DM.


DU PLOOY NT. Fostering Sustainable Energy Transitions in South Africa: A System Dynamics Approach to Achieving a Sustainable Electricity Sector. MIng Navorsing, 2017. 188 pp. Studieleier: BRENT AC. Medestudieleier: MUSANGO JK, DE KOCK IH.


GREEFF A. Tailoring an integrated, systematic framework for technology and product innovation management for an industrial equipment manufacturing SME, based on best-practice principles from Stage-Gate innovation process management, systems engineering and DFSS. MIng Gestruktueerd, 2017. 133 pp. Studieleier: SCHUTTE CSL.

HAGEDORN-HANSEN D. The Effects of Selective Laser Melting Strategies on Titanium Hybrid Parts. MIng Navorsing, 2017. 187 pp. Studieleier: OOSTHUIZEN GA.


LÖTTER J. Decision support for Fresh Produce Replenishment Order Schedules in a Retail Outlet. MIng Navorsing, 2017. 174 pp. Studieleier: VAN VUUREN JH.

MICHAU N. Identity theft risk quantification for social media users. MIng Navorsing, 2017. 215 pp. Studieleier: BEKKER JF.


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STELZNER SGE. The Employee Flourishing Strategic Framework. MIng Navorsing, 2017. 186 pp. Studieleier: SCHUTTE CSL.


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investigation and evaluation of industrie 4.0 innovations for the metal forming industry.


departement elektriese en elektroniese ingenieurswese
department of electrical and electronic engineering

tydskrifartikels/journal articles (subsidised)


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LOVISKA M, KRAUSE O, GRIWODZ C, SCHIELE G, ENGELBRECHT HA. Third life project. *IETM Fresh Perspectives* 2017; **6**:41-47.


COETZER A, TURNER GR, MOUTON HDT. Power generation on-board aircraft using an air-powered turbine generator and battery interface system. EPE’17 ECCE Europe, Warsaw, Poland, IEEE 2017: 1-10.


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SORGDRAGER AJ, WANG R, GROBLER AJ. Transient performance optimisation of line-start permanent magnet synchronous motors using taguchi based regression rate method. Proceedings of


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DAVIDSON DB. Contributions to Engineering Electromagnetics. DIng, 2017. 133 pp. Promotor: MEYER P.


ISINGIZWE NTURAMBIRWE JF. Advances in spectral techniques for fruit quality evaluation: case of ULF-NMR and NIR. PhD (Eng), 2017. 146 pp. Promotor: PEROLD WJ.

MUCHUKA NM. Hardware Description Language Modelling and Synthesis of Superconducting Digital Circuits. PhD (Eng), 2017. 95 pp. Promotor: FOURIE CJ.


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REUTER HCR, OWEN MTF, GOODENOUGH JL. Experimental evaluation of the temporal effects of paint-based protective films on composite fouling inside admiraltry brass and titanium steam surface condenser tubes. *Applied Thermal Engineering* 2017; **126**:848-857.


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LUBKOLL M, VON BACKSTROM TW, HARMS TM. Performance Characteristics of a Spiky Central Receiver Air Pre-heater (SCRAP) . PhD (Eng), 2017. 158 pp.


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ANDERSON LS, BECKER TH. An investigation into the interrelationship between residual stress and build strategy in selective laser melted Ti-6Al-4V 

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BARRY RM, VENTER G. Analysis of reinforcement designs for specials in steel pipelines. MScNavorsing, 2017. 79 pp.


BODE S, GAUCHÉ P. Development of a ray tracer for concentrating solar power systems. MScIng, 2017. 80 pp.

BUDLER MJI, OWEN MTF, REUTER HCR, HOFFMANN JE. Theoretical modelling design and testing of a novel low pressure spray sprinkler for travelling agricultural irrigation systems. MScNavorsing, 2017. 82 pp.


COETZEE JS, SMIT WJ. Obstacle Avoidance with a Multicopter in a Dynamic Two-Dimensional Environment. MScNavorsing, 2017. 72 pp.


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Department of Process Engineering

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SCHOEMAN E, BRADSHAW SM, AKDOGAN G, SNYDERS CA, EKSTEEN JJ. The extraction of platinum and palladium from a synthetic cyanide heap leach solution with strong base anion exchange resins. INTERNATIONAL JOURNAL OF MINERAL PROCESSING 2017; 162:27-35.


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GREYLING N. Optimisation of enzymatic hydrolysis of monkfish heads for preparing protein hydrolysates as animal feed ingredient. MIng Navorsing, 2017. 100 pp. Studieleier: GOOSEN NJ.


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BOTHA BE, JACOBS HE, BIGGS B, ILEMBADE AA. *Analysis of shower water use and temperature at a South African University Campus*. 15th International Computing & Control for the Water Industry Conference, Sheffield, United Kingdom, Figshare 2017: F64.


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**Hoofstukke in Boeke/Chapters in Books**


