

# Simulation Modelling Practice And Theory Isi Articles

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72 D Quaglia et al/Simulation Modelling Practice and Theory 23 (2012) 71-86 The stability of a NCS is not a trivial issue since packet loss and delay may compromise the control loop In case of tele-operation (taken as test bench in Section 5), the problem is even more critical since a human operator is within the control

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2 S Qiu et al/Simulation Modelling Practice and Theory 47 (2014) 1-18 into a general theory of evidence He introduced belief functions and their construction from degrees of belief, in his book A Mathematical Theory of Evidence, published in 1976 [25]

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S Jafer et al/Simulation Modelling Practice and Theory 30 (2013) 54-73 55 authors proposed a centralized mechanism with one dedicated processor controlling a global clock (which represents the global virtual time of the simulation) Under that scheme, all the LPs' local clocks are kept at the same value at every point

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of the proposed framework and the capability of the simulation models by running a fire evacuation scenario in Section 5 Finally, we conclude this paper with a discussion of possible directions for future research in Section 6 100 J Joo et al/Simulation Modelling Practice and Theory 32 (2013) 99-115

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R Leelaruji, L Vanfretti/Simulation Modelling Practice and Theory 23 (2012) 36-59 37 4215 [10] In this study, the ST1A model (shown in Fig 2) is

implemented by setting model parameters to ...

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J-J Wang/Simulation Modelling Practice and Theory 19 (2011) 440–449 441 Title: Simulation studies of inverted pendulum based on PID controllers

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J Music´ et al/Simulation Modelling Practice and Theory 16 (2008) 933–944 935 3 Extended Kalman filter design In the proposed method Kalman filtering is aimed for fusion of the data acquired through measurements with data obtained from developed dynamic human body model Kalman filtering is a common approach in multisignal

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A Junyent-Ferré et al/Simulation Modelling Practice and Theory 18 (2010) 1365–1381 1367 K 1 ¼ lv^ w ln h z 0 2; ð10P

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Simulation of the machine in the natural reference frames Validation under Matlab and comparison with experimental results Determination of the electrical circuit referred to the stator Fig 1 Block diagram of the work organization A Barakat et al/Simulation Modelling Practice and Theory 18 (2010) 1382–1396 1383

### **THEORY SIMULATION MODELLING PRACTICE AND**

The journal Simulation Modelling Practice and Theory provides a forum for original, high-quality papers dealing with any aspect of systems simulation and modelling The journal aims at being a reference and a powerful tool to all those professionally active and/or interested in the methods and applications of simulation

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124 A Carteni, S de Luca/Simulation Modelling Practice and Theory 21 (2012) 123–145 details regarding the model set-up, its calibration and its validation, but on the application and/or

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D Lee et al/Simulation Modelling Practice and Theory 18 (2010) 650–662 651 (note that there may be a large number of PIs in the enactment server) Right after the completion of activity W1, two activities W2 and W3 are enabled, and then the enactment server provides the following sequence of ...

### **Simulation Modelling Practice and Theory**

50 R Duwairi, M Abu-Rahmeh/Simulation Modelling Practice and Theory 54 (2015) 49–63 function and the nature of the vectors being processed The vectors have to be normalized by their length, to have the vectors lying on the surface of the unit hypersphere about the origin The normalization does not affect the documents since the

### **Simulation Modelling Practice and Theory**

Simulation Modelling Practice and Theory 103 (2020) 102091 2 localized individuals, as well as the future evolutions of population and demographics

### **Simulation Modelling Practice and Theory**

S Kim et al Simulation Modelling Practice and Theory 86 (2018) 155–168 156 handling annual variability of biomass supply is a critical challenge in biofuel supply chain management For instance, the corn in the US Corn Belts mainly harvested from September through November [37] However,

the demand for transportation fuels is year-

### **Simulation Modelling Practice and Theory**

120 G Migoni et al/Simulation Modelling Practice and Theory 35 (2013) 118-136 Thus, whenever  $x_j$  reaches  $q_j$ , a new step is performed selecting  $q_j(t) = x_j(t) \pm DQ_j$  according to the sign of  $x_j$  In other words, if during an event  $x_j > 0$ , the new quantized state value is set to  $q_j = x_j + DQ_j$  Otherwise if  $x_j < 0$

### **Simulation Modelling Practice and Theory**

970 S Sarmady et al/Simulation Modelling Practice and Theory 19 (2011) 969-985 models to simulate movements Matrix-based systems, on the other hand, divide environments into cells and make use of cellular automata to model the movements of entities between the cells In rule-based models, simple creatures like birds,

### **Simulation Modelling Practice and Theory**

48 H Wang, H Zhang/Simulation Modelling Practice and Theory 27 (2012) 47-64 platform capability, controlled access, wide availability, integration and interoperability Meanwhile, it also has some disadvantages, eg loss in speed, Graphical User Interface (GUI) limitation, security vulnerability, Web-based simulation applica-

### **Simulation Modelling Practice and Theory**

88 PJ Arrazola et al/Simulation Modelling Practice and Theory 41 (2014) 87-103 to 1 mm distances from one another, with the help of a strain gauge rosette glued to the hole at the surface of