

Publications (72)

Intelligent System for the Predictive Analysis of an Industrial Wastewater Treatment Process

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Routers

dispersion considering meteorological and chemical factors and the incident scenario. However, they have

Christian QUINTERO M. | Professor (Associate) | PhD in Information Technology | Universidad del Norte (Colombia), Barranquilla | Un...

renewable-sources nature and avoiding complex syn...

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Book

Control automático aplicado. Prácticas de laboratorio 2da. Edición

Christian G. Quintero M. · F. A. Bertel R · Pablo Maldonado E

Sep 2010

This paper shows the impact of the atomic capabilities concept to include control-oriented knowledge of linear control systems in the decisions making structure of physical agents. These agents operate in a real environment managing physical objects (e.g. their physical bodies) in coordinated tasks. This approach is presented using an introspective...

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Predictive motion control of a mirosot mobile robot

15/8/24, 20:20 Christian QUINTERO M. | Professor (Associate) | PhD in Information Technology | Universidad del Norte (Colombia), Barranquilla | Un... Conference Paper Full-text available Jan 2004 Jian Wan ⋅ Christian G. Quintero M. ⋅ Nianbei Luo ⋅ Josep Vehí This paper discusses predictive motion control of a MiRoSoT robot. The dynamic model of the robot is deduced by taking into account the whole process - robot, vision, control and transmission systems. Based on the obtained dynamic model, an integrated predictive control algorithm is proposed to position precisely with either stationary or moving ob... View GENERACIÓN Y GESTIÓN DE DIVERSIDAD DINÁMICA EN AGENTES FÍSICOS. Full-text available Salvador Ibarra Martínez · Christian G. Quintero M. · Josep A Ramón · [...] · Albert Figueras View +35

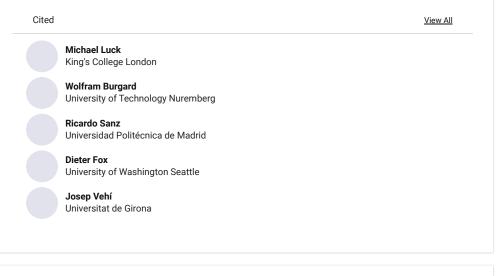
INTROSPECTION ON CONTROL-GROUNDED CAPABILITIES. AN AGENT-INSPIRED APPROACH FOR CONTROL

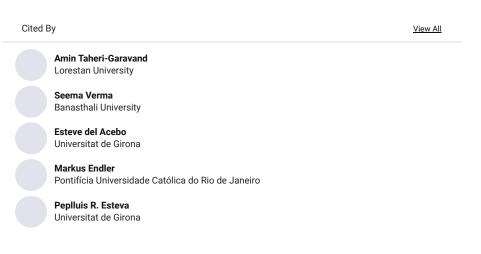
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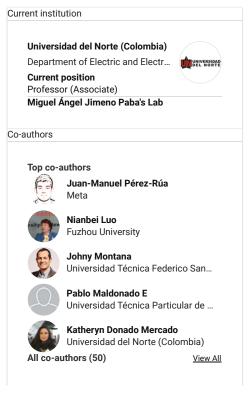
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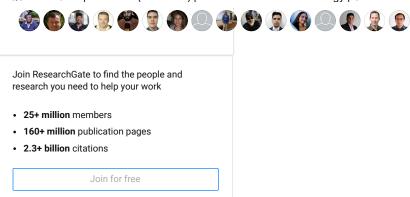
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