Creative Technologies for Multidisciplinary Applications

Part of the Advances in Media, Entertainment, and the Arts Book Series

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Description:

Given that institutions of higher education have a predisposition to compartmentalize and delineate areas of study, creative technology may seem oxymoronic. On the contrary, the very basis of western thought is found in the idea of transcendent knowledge. The marriage of opposing disciplines therefore acts as a more holistic approach to education.

Creative Technologies for Multidisciplinary Applications acts as an inspiration to educators and researchers who wish to participate in the future of such multidisciplinary disciplines. Because creative technology encompasses many applications with the realm of art, gaming, the humanities, and digitization, this book features a diverse collection of relevant research for the modern world.

Readers:

It is a pivotal reference publication for educators, students, and researchers in fields related to sociology, technology, and the humanities.

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Topics Covered:

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- Multimodality in Videogames
- Virtual Humanity
- Virtual Reality
- Visual Effects

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Andy M. Connor is a Senior Lecturer at Colab, the “collaboratory” at Auckland University of Technology in New Zealand. His undergraduate training is in mechanical engineering and he holds a PhD in mechatronics. He has worked at the Engineering Design Centres at both the University of Bath and the University of Cambridge in the UK. Following a number of years of commercial experience as a software engineer and a systems engineering consultant, Andy migrated to New Zealand and took up a number of roles in software engineering and computer science at Auckland University of Technology prior to joining Colab in 2012. Andy has a broad range of research interests that include automated design, computational creativity, education, evolutionary computation, machine learning and software engineering.