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In the 21st Century information technology continues to be a critical benefactor of intelligent paradigms for machine intelligence through applications of AI and soft computing continue to re-define the design problem in multimedia, image processing, biomedicine, financial engineering and soft computing in industry. This volume of TSI Press Series on Intelligent Automation and Soft Computing constitutes a report on the research papers presented for the Multimedia, Imager Processing, Biomedicine and Financial Engineering (IFMIP 2004) and Manufacturing (ISOMA 2004) tracks of the Sixth Biannual World Automation Congress (WAC 2004) in Seville, Spain from June 28- July 1, 2004.

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