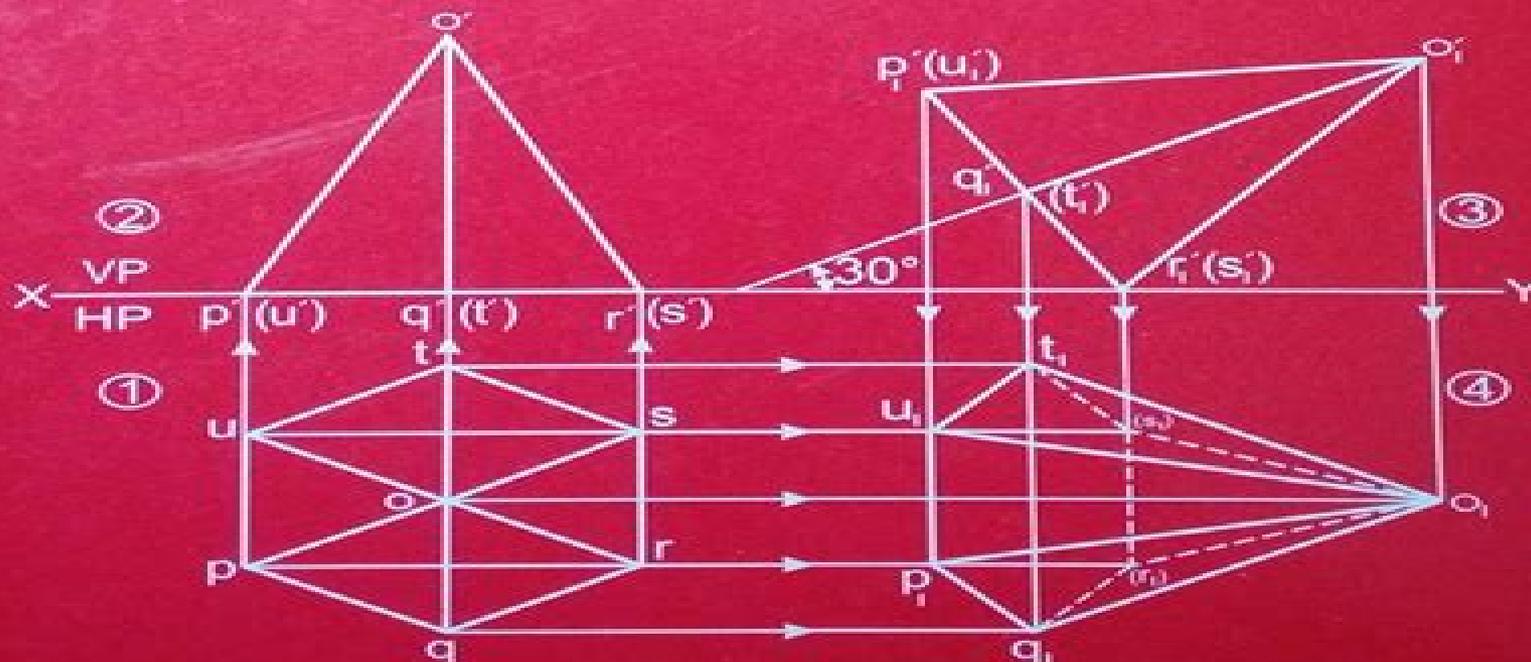


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Integrative Production Technology Christian Brecher, Denis Özdemir, 2017-01-09 This contributed volume contains the research results of the Cluster of Excellence Integrative Production Technology for High Wage Countries funded by the German Research Society DFG The approach to the topic is genuinely interdisciplinary covering insights from fields such as engineering material sciences economics and social sciences The book contains coherent deterministic models for integrative product creation chains as well as harmonized cybernetic models of production systems The content is structured into five sections Integrative Production Technology Individualized Production Virtual Production Systems Integrated Technologies Self Optimizing Production Systems and Collaboration Productivity The target audience primarily comprises research experts and practitioners in the field of production engineering but the book may also be beneficial for graduate students The

Indian experience Sarla Achuthan, 1993 **Design of Intelligent Applications using Machine Learning and Deep Learning Techniques** Ramchandra Sharad Mangrulkar, Antonis Michalas, Narendra Shekokar, Meera Narvekar, Pallavi Vijay Chavan, 2021-08-15 Machine learning ML and deep learning DL algorithms are invaluable resources for Industry 4.0 and allied areas and are considered as the future of computing A subfield called neural networks to recognize and understand patterns in data helps a machine carry out tasks in a manner similar to humans The intelligent models developed using ML and DL are effectively designed and are fully investigated bringing in practical applications in many fields such as health care agriculture and security These algorithms can only be successfully applied in the context of data computing and analysis Today ML and DL have created conditions for potential developments in detection and prediction Apart from these domains ML and DL are found useful in analysing the social behaviour of humans With the advancements in the amount and type of data available for use it became necessary to build a means to process the data and that is where deep neural networks prove their importance These networks are capable of handling a large amount of data in such fields as finance and images This book also exploits key applications in Industry 4.0 including Fundamental models issues and challenges in ML and DL Comprehensive analyses and probabilistic approaches for ML and DL Various applications in healthcare predictions such as

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Human Dynamics and Design for the Development of Contemporary Societies Daniel Raposo, Nuno Martins and Daniel Brandão, 2023-07-19 Proceedings of the 14th International Conference on Applied Human Factors and Ergonomics AHFE 2023 July 20-24 2023 San Francisco USA **Artificial Intelligence** Marco Antonio Aceves-Fernandez, 2018-06-27 Artificial intelligence AI is taking an increasingly important role in our society From cars smartphones airplanes consumer applications and even medical equipment the impact of AI is changing the world around us The ability of machines to demonstrate advanced cognitive skills in taking decisions learn and perceive the environment predict certain behavior and process written or spoken languages among other skills makes this discipline of paramount importance in today's world Although AI is changing the world for the better in many applications it also comes with its challenges This book encompasses many applications as well as new techniques challenges and opportunities in this fascinating area

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report theses submitted in previous years but not reported at the time *Digital Organizations - Leadership Disrupted* Ganesh Shermon, 2016-12-08 Discover the Digital Organization We think of organizations as an amorphous large complex institutions True but organizations are also symbols of its people who aspired nurtured and struggled away to make it work not to forget its collection of stories rituals episodes values experiences that can be broadly summarized and called as the culture And the ethics that their organizations display today and in times to come Organizations are products of a leader s imagination It takes the shape of that dream And in that dream good or bad lies its destiny Leadership is disrupted owing to digital influences in technology knowledge millennial mindset people attitudes skills behaviors rapid changes in customer needs speed and agility flexible structures dynamic creative designs unique people actions expectations and deliverance talent issues business climate HR programs work values and business ethics all displayed as culture A Digital Mind Set all about Leadership

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Forthcoming Books Rose Arny,1994-04 **Engineering Graphics** A. M. Chandra,Satish Chandra,2003 This text aims to explain the principles and construction of engineering graphics in an elementary manner It covers drawing instruments lettering and dimensioning geometrical construction isometric projections and computer aided drafting

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