

Industry 4.0: developments towards the fourth industrial revolution

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Abstrak

This book provides an overview of the burgeoning next generation of industry- Industry 4.0, which promises to increase flexibility in manufacturing in tandem with mass communication, improved productivity and better quality. This volume provides a comprehensive and holistic overview of intelligent manufacturing, process planning, assessment of product development opportunities, aspects of risk management, education and qualification requirements, socio-technical considerations and the sustainability of business models. This volume will be of interest to engineers, entrepreneurs, academics and students working in these fields.