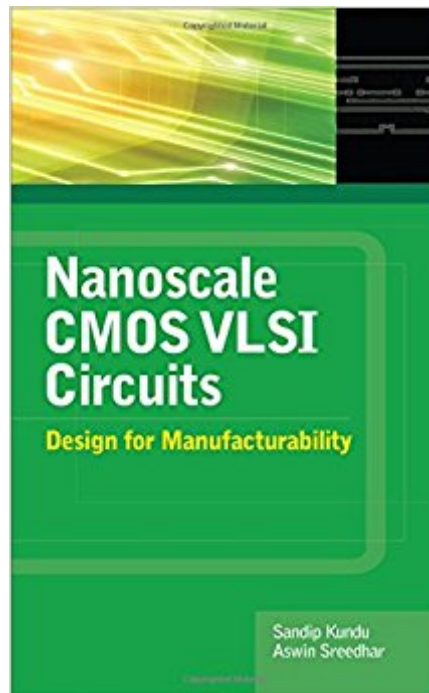




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- Current trends in CMOS VLSI design
- Semiconductor manufacturing technologies
- Photolithography
- Process and device variability: analyses and modeling
- Manufacturing-Aware Physical Design
- Closure Metrology, manufacturing defects, and defect extraction
- Defect impact modeling and yield improvement techniques
- Physical design and reliability DFM tools and methodologies

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Dr. Sandip Kundu is a professor in the Electrical and Computer Engineering Department at the University of Massachusetts at Amherst, specializing in semiconductor and lithographic manufacturing. Dr. Aswin Sreedhar is a research assistant at the Electrical and Computer Engineering Department at the University of Massachusetts.

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