



PPG#16 COST ENGINEERING IN THE GLOBAL ENVIRONMENT, 2ND EDITION

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32. *International Cost Data*, 0, **Cost Engineering Journal**, 2000
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- 
55. *A Computerized Approach to Design Cost Analysis*, Saeed Karshenas, **AACE Transactions**, 2007

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- 
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3. *Risk Response and Contingency Strategies Among Contractors in Sydney, Australia*, Deepak Bajaj, **AACE Transactions**, 2001
4. *Enterprise IT Risk Management: A Case Study*, Iqbal Noor; Richard B. Dillon; Ray Williams, **AACE Transactions**, 2001
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- 
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