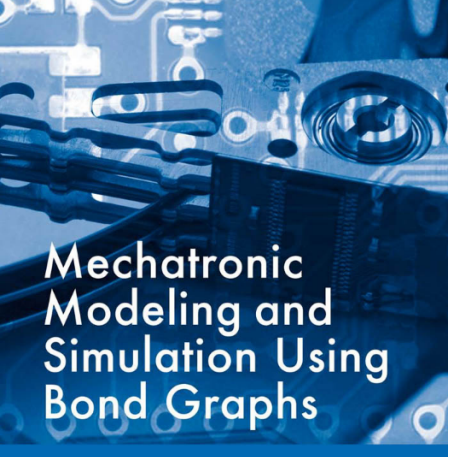

Mechatronic Modeling and Simulation Using Bond Graphs

Shuvra Das

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This book is dedicated

to the memory of my

two grandmothers,

Kamala and Sarama. They

recognized very early

in their lives that

education is the sure

path to success in life and

ensured that their children

and grandchildren got the

best education possible.

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