

References

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Appendix A: Flowcharts of the Single MBC Simulation Program

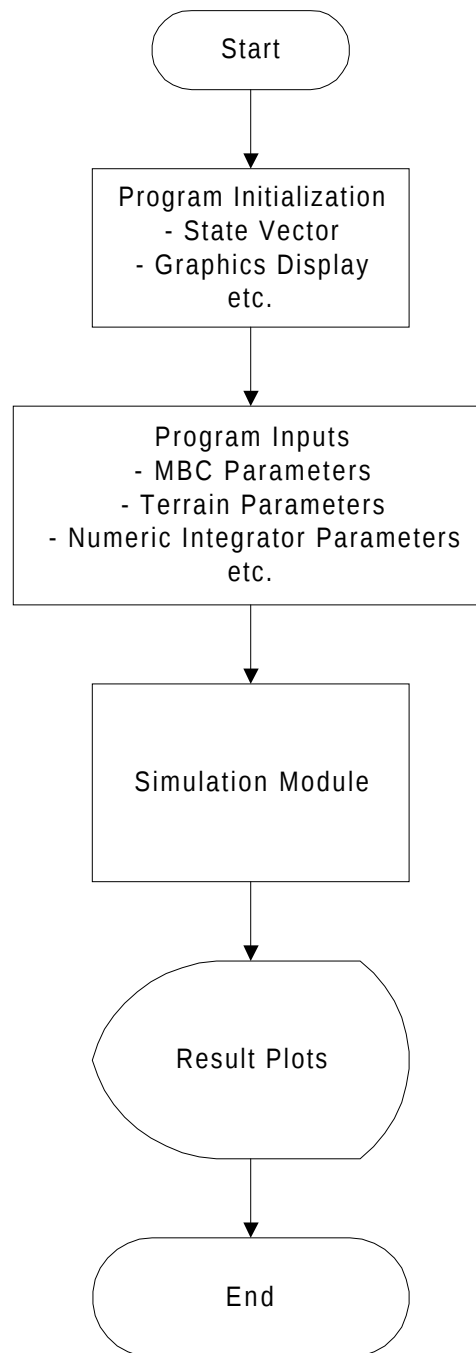


Figure A.1. Flowchart of the Single_MBC_Simulation Program

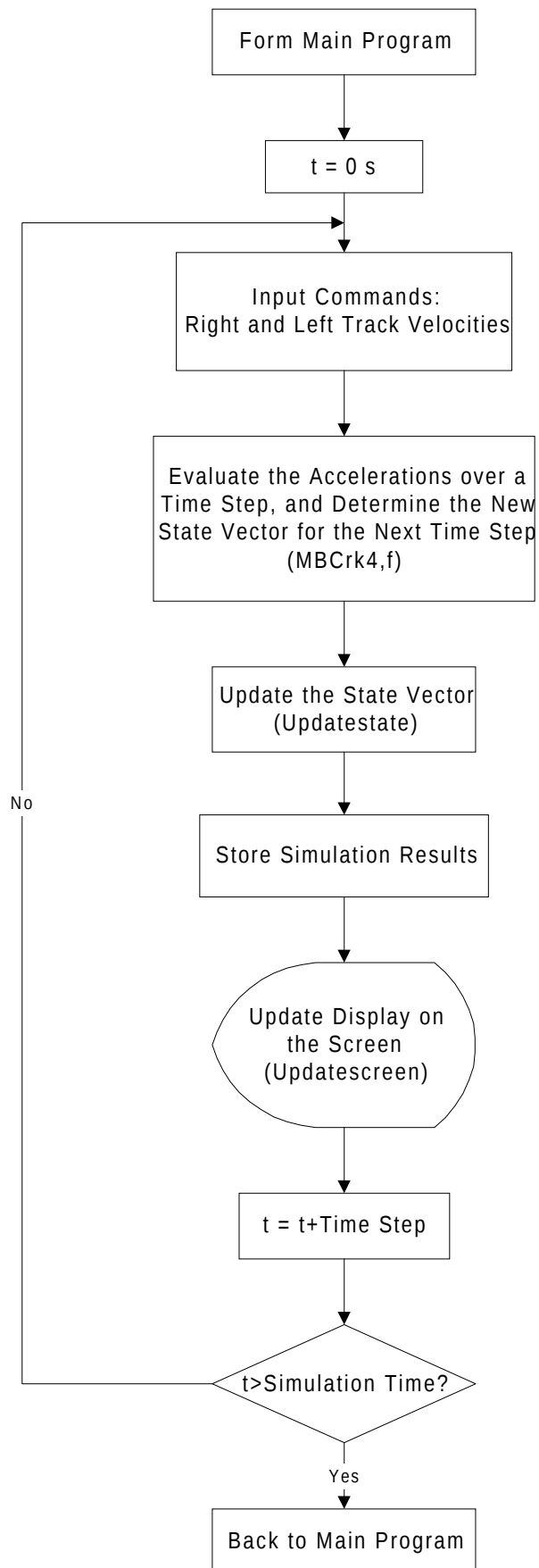


Figure A.2. Flowchart of the Simulation Module of the Single_MBC_Simulation Program

Note: The function name that performs a task presents in a parenthesis

Appendix B: Flowcharts of the CHS Simulation Program

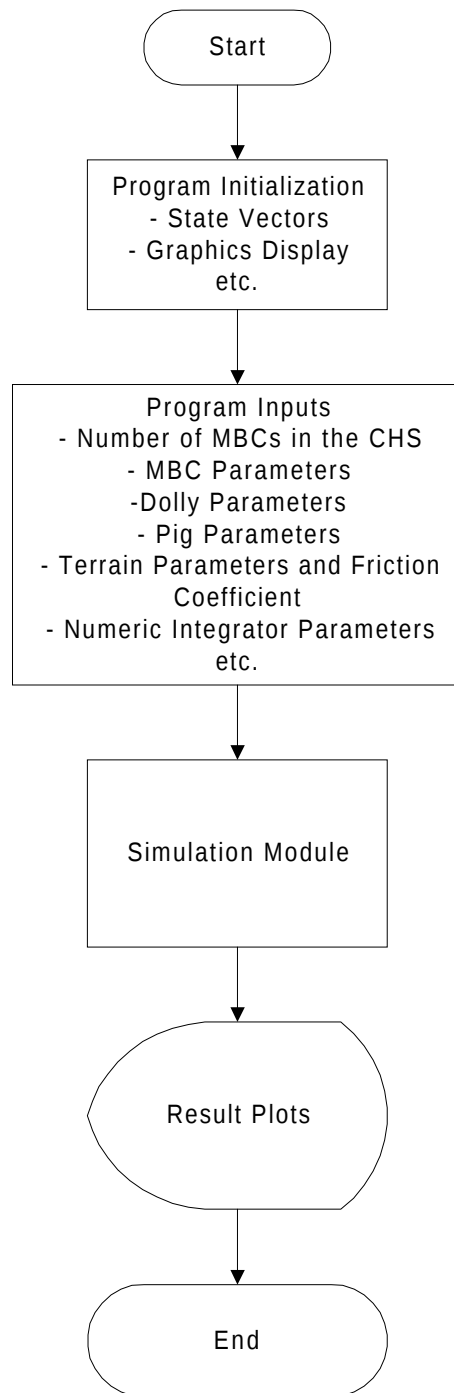


Figure B.1. Flowchart of the Two_MBC_Simulation Program

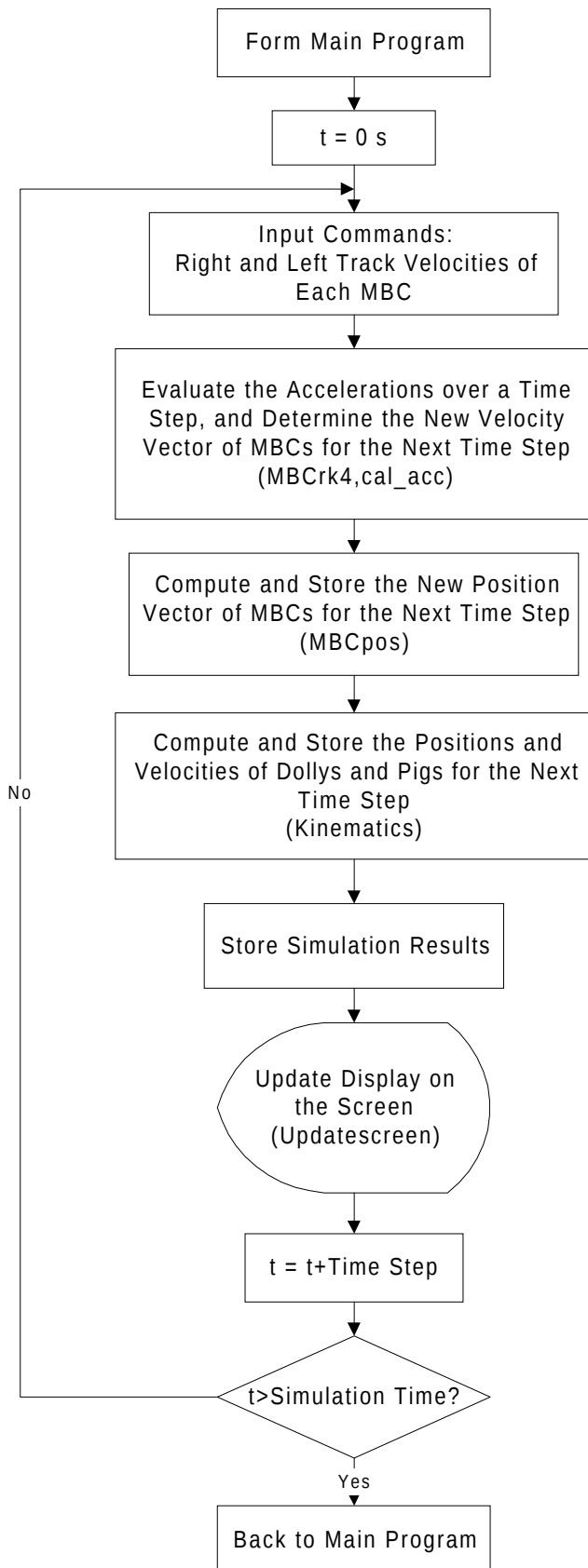


Figure B.2. Flowchart of the Simulation Module of the Two_MBC_Simulation Program

Note: The function name that performs a task presents in a parenthesis

Vita

Amnart Kanarat was born in Nakhonratchasima, Thailand on August 26, 1975. He graduated from King Mongkut's Institute of Technology Ladkrabang (KMITL) with a Bachelor of Engineering in Mechanical Engineering in May 1996. After working as a Teaching Assistant in Mechanical Engineering Laboratory at KMITL for a year, he won a scholarship awarded by the Royal Thai Government to further his studies in the United States leading to the M.S. and Ph.D. degrees in the field of Robotics and Automation. He attended Virginia Tech in the Fall 1997 to pursue a Master of Science in Mechanical Engineering. After graduation, he will continue his study in the Ph.D. program in Mechanical Engineering at Virginia Tech.