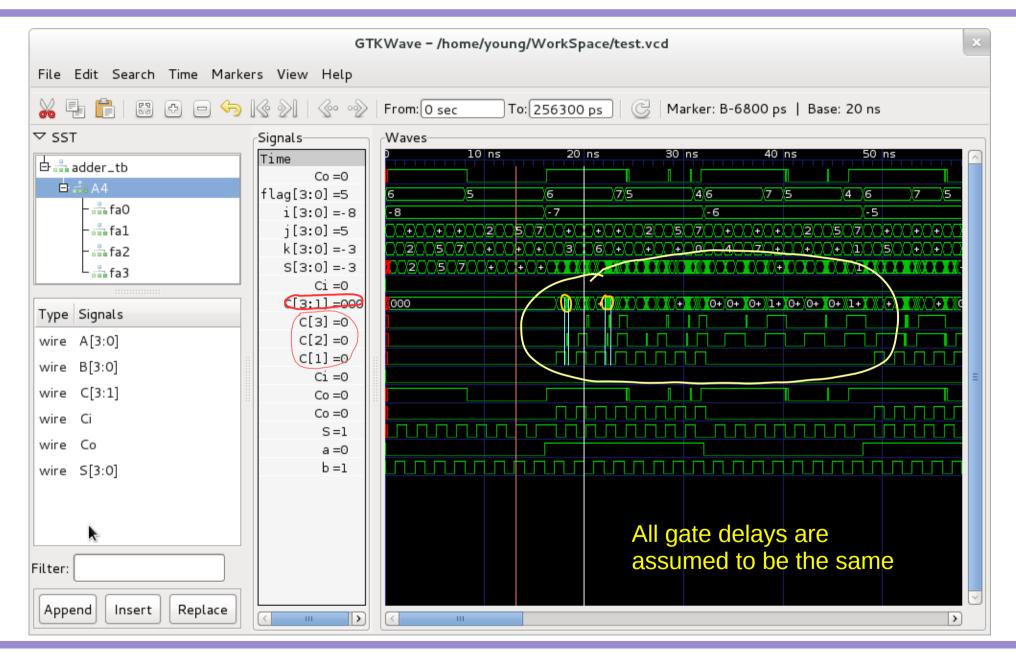
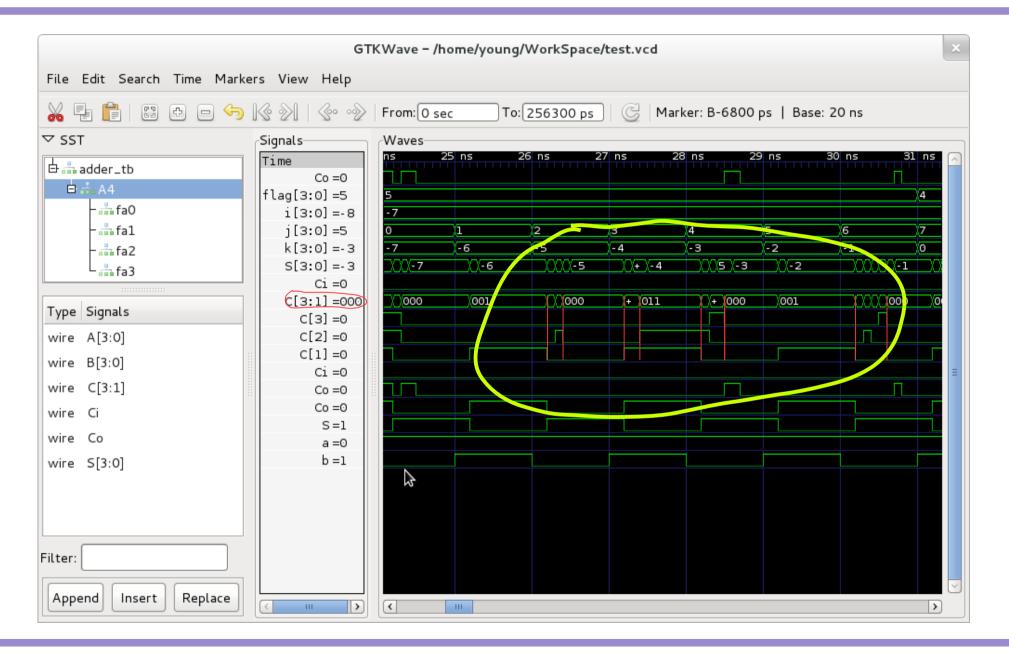
Gate Power

Copyright (c) 2011-2016 Young W. Lim.
Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.2 or any later version published by the Free Software Foundation; with no Invariant Sections, no Front-Cover Texts, and no Back-Cover Texts. A copy of the license is included in the section entitled "GNU Free Documentation License".
Please send corrections (or suggestions) to youngwlim@hotmail.com.
This document was produced by using OpenOffice and Octave.

Adder Simulation Waveform



Glitches



Dynamic Power

Activity Factor Clock Gating

Switching Probability Glitches

Static Power

Power Gating

Low Power Architecture

Micro Architecture

Parallelism and Pipelining

Power Management Mode

Segmented Bus

Multi Core

Pass Transistor Circuits

References

- [1] http://en.wikipedia.org/
- [2] http://www.allaboutcircuits.com/
- [3] W. Wolf, "Modern VLSI Design: Systems on Silicon
- [4] N. Weste, D. Harris, "CMOS VLSI Design: A Circuits and Systems Perspective"
- [5] J. P. Uyemura, "Introduction to VLSI Circuits and Systems"
- [6] https://en.wikiversity.org/wiki/The_necessities_in_SOC_Design
- [7] https://en.wikiversity.org/wiki/The_necessities_in_Digital_Design
- [8] https://en.wikiversity.org/wiki/The_necessities_in_Computer_Design
- [9] https://en.wikiversity.org/wiki/The_necessities_in_Computer_Architecture
- [10] https://en.wikiversity.org/wiki/The_necessities_in_Computer_Organization
- [11] https://en.wikiversity.org/wiki/Verilog_programming_in_plain_view