

UE20CS201
DIGITAL DESIGN AND COMPUTER
ORGANIZATION
Lecture 38–39 notes

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- **Syllabus covered** Wallace Tree Multiplier : Wallace tree multiplier:
For carry save adder and wallace tree multiplier, the reference is first
edition of Introduction to Algorithms by Cormen, et al which is avail-
able at
<http://staff.ustc.edu.cn/~csli/graduate/algorithms/book6/chap29.htm>
 - Sec. 29.2.3 Carry save addition
 - Sec. 29.3.2 Wallace-tree multipliers