























Adder/Subtracter – One-bit adder (1/2)					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$egin{array}{c} a_i & & \\ 0 & 0 & \\ 0 & 0 & \\ 1 & 1 & \\ 1 & 1 & \\ 1 & \end{array}$	b <sub>i</sub> 0 1 1 0 0 1 1	$egin{array}{c} c_i \\ 0 \\ 1 \\ 0 \\ 1 \\ 0 \\ 1 \\ 0 \\ 1 \end{array}$	$egin{array}{c c} s_i \\ 0 \\ 1 \\ 1 \\ 0 \\ 1 \\ 0 \\ 0 \\ 1 \end{array}$	$egin{array}{c} c_{i+1} & 0 & 0 & 0 & 0 & 0 & 1 & 0 & 0 & 1 & 1$
$s_i = c_{i+1} =$					
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